

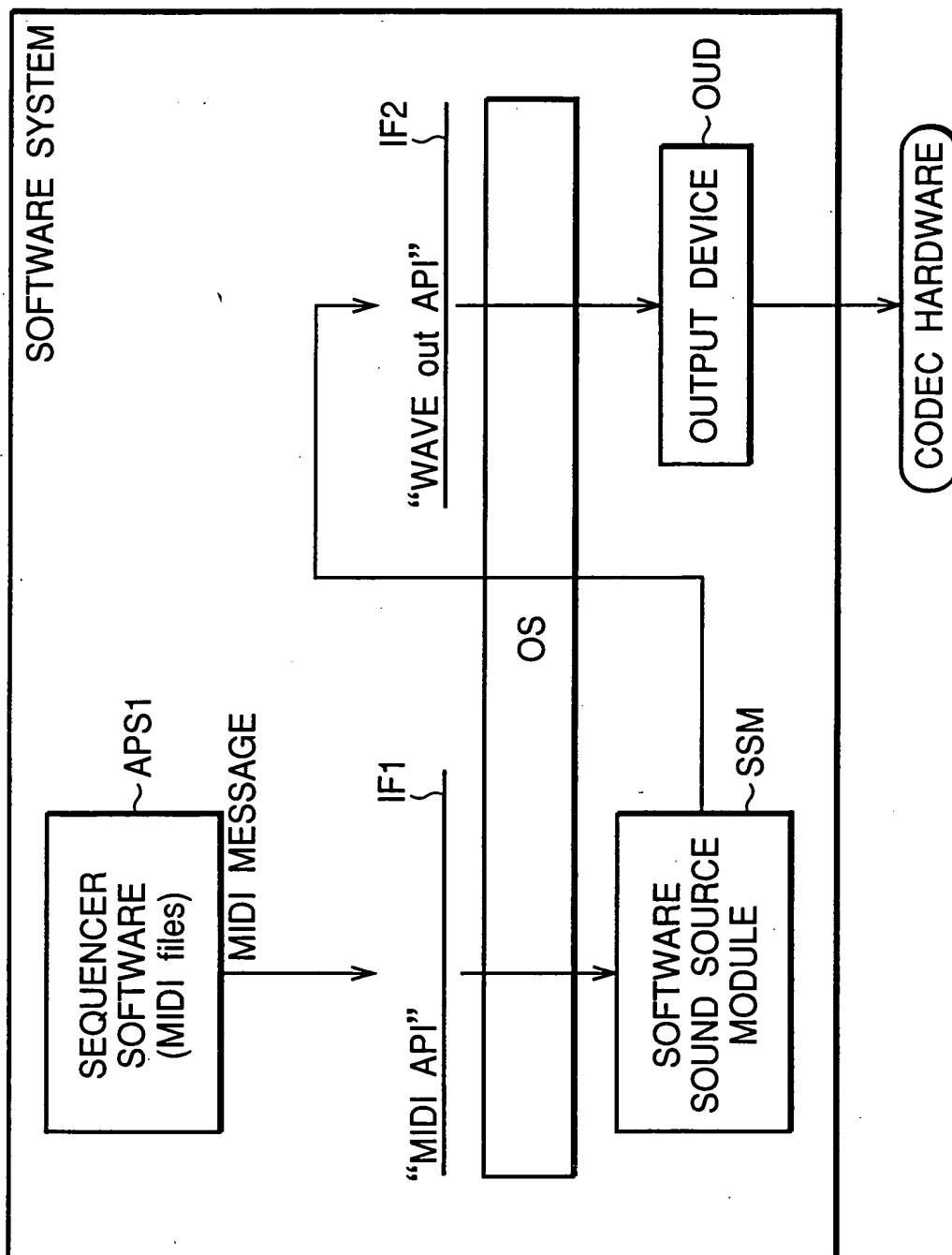
20250124 15:02:30

APPROVED	O.G. FIG. 3,4B	
BY	CLASS	SUBCLASS
DRAFTSMAN	84	603

5981860

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FIG.1

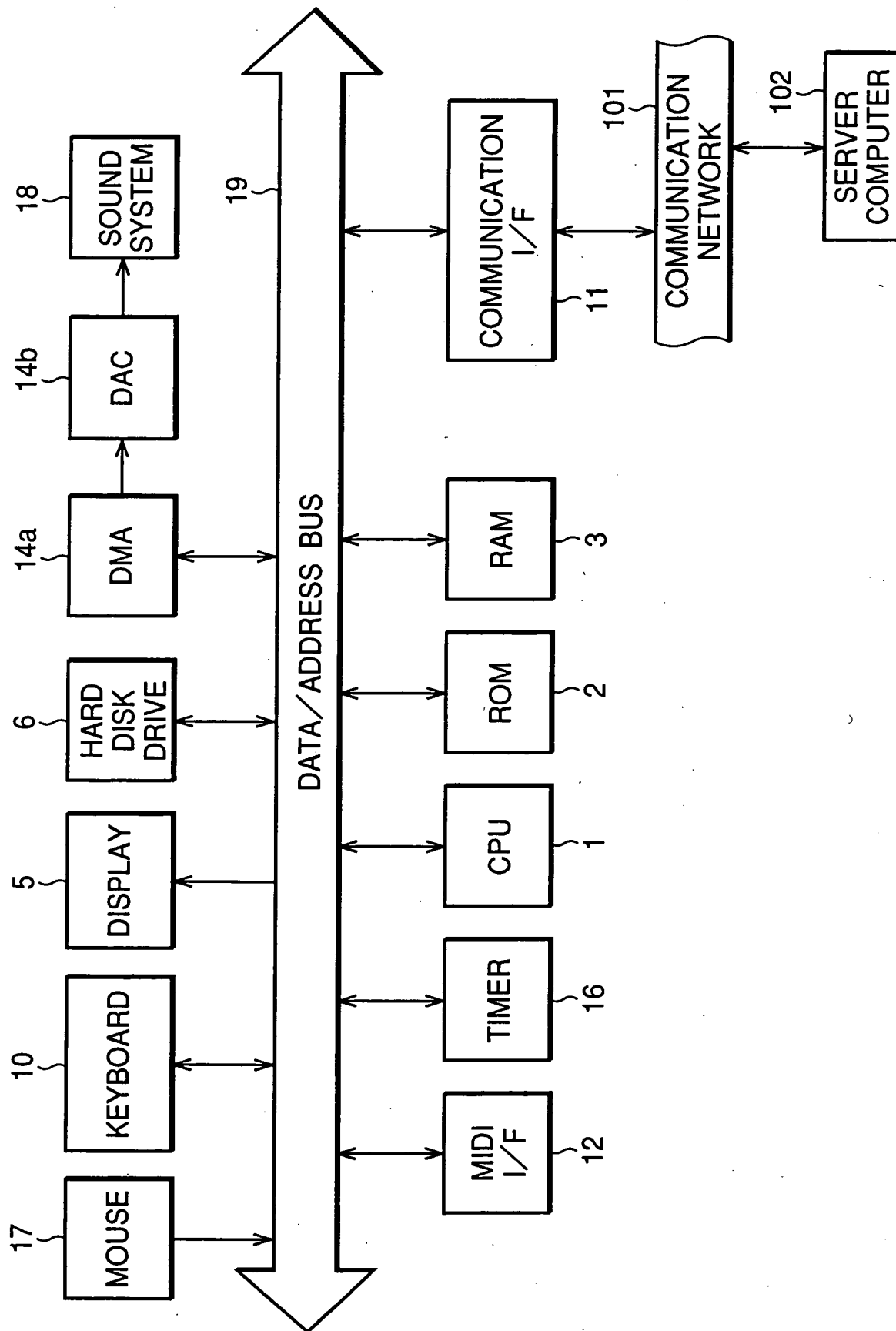


52 fig

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG.2



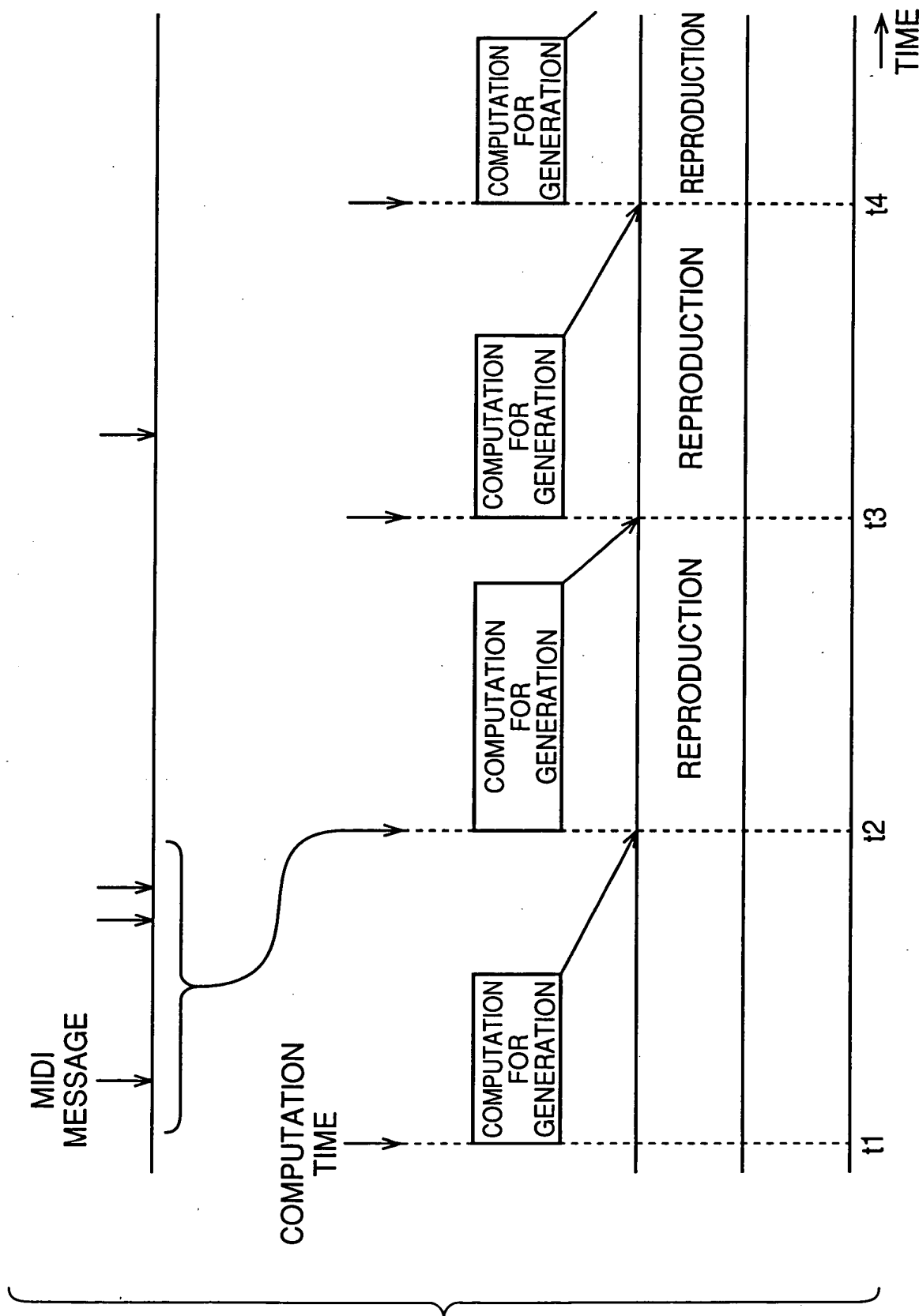
466280 46602680

455280 47602630

APPROVED	O.G. FIG. 3, 4B	
BY	CLASS	SUBCLASS
DRAFTSMAN	84	603

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FIG.3



APPROVED	O.G. FIG. 3, 4B	
BY	CLASS	SUBCLASS
DRAFTSMAN	84	603

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FIG. 4A

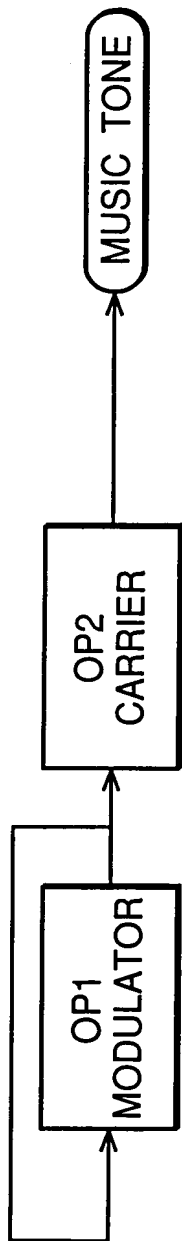


FIG. 4B

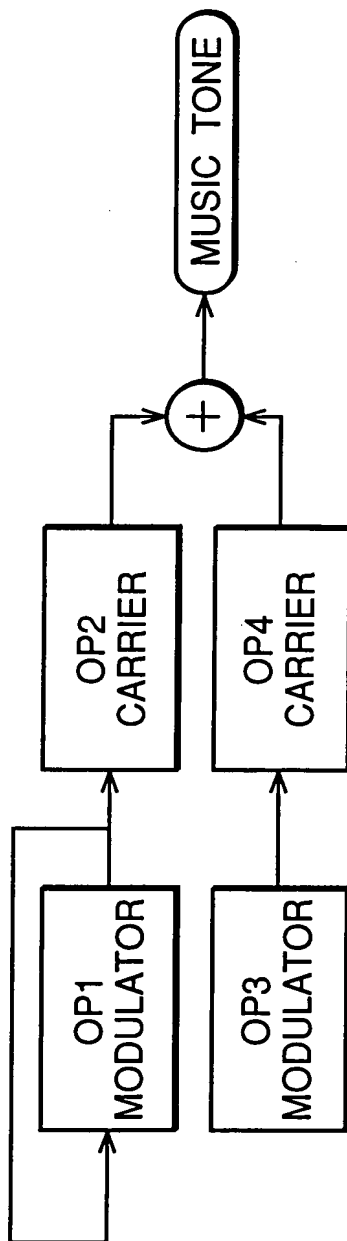
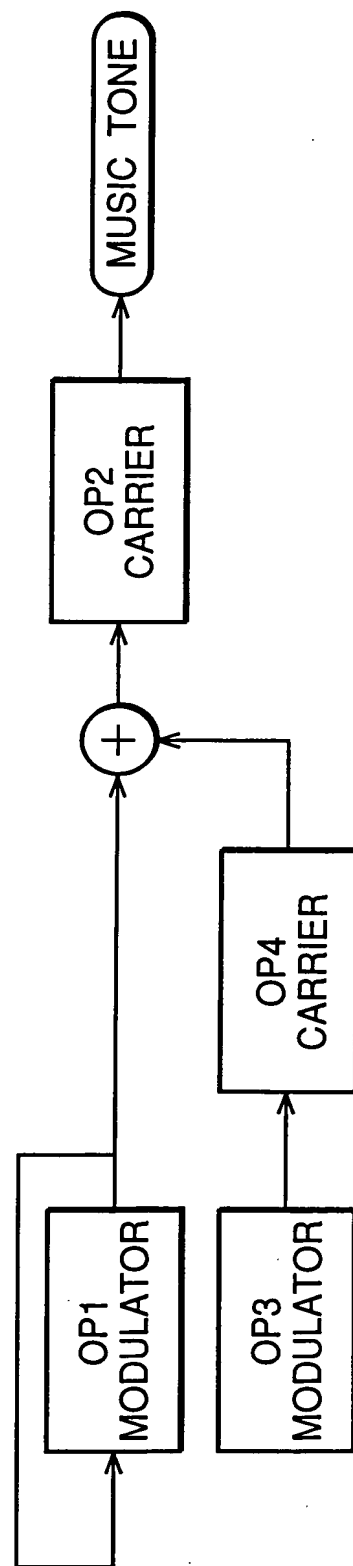


FIG. 4C



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG.5

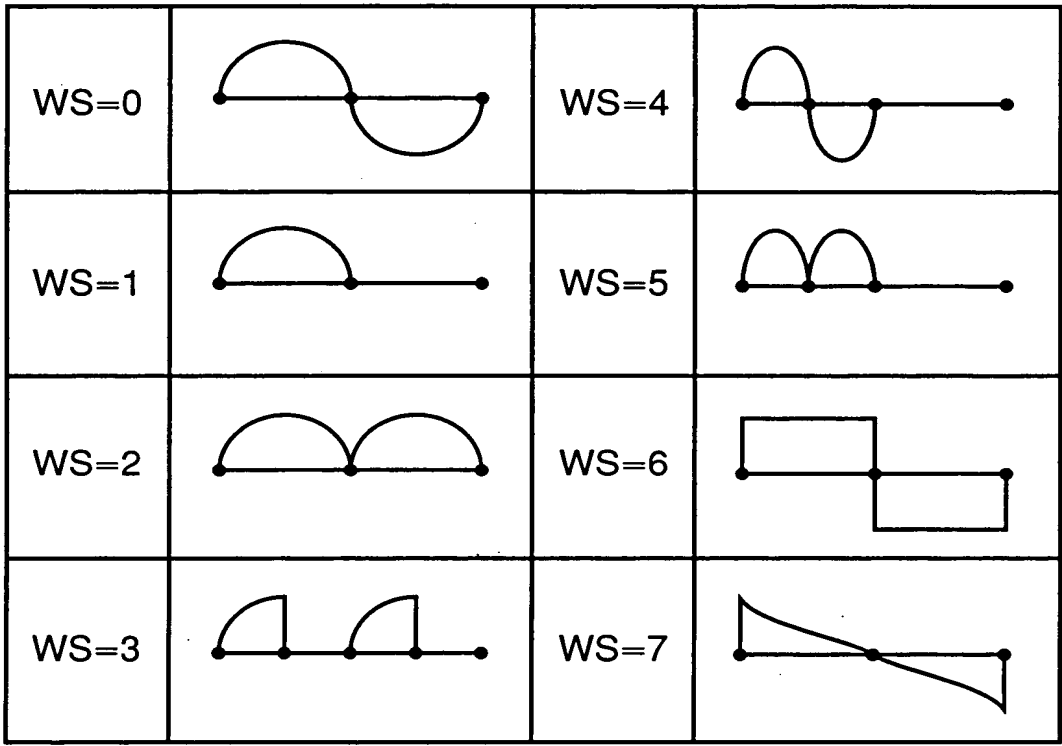


FIG.6

TONEPAR1
TONEPAR2
⋮
TONEPARn
⋮

265280 24602680

APPROVED

O.G. FIG.

BY

CLASS

SUBCLASS

DRAFTSMAN

46280 4602680

FIG.7A

VOICEj

KEYONj
FNOj
ALGORj
VOLj
VELj
OP1DATAj
OP2DATAj
⋮
OPmDATAj

FIG.7B

FSAMPm
MULTm
FBLm
WSELm
TLm
EGPARm
MSCm
OPPRIOm
OPBUFm

FIG.7C

OPONm
PHBUFm
FBm
MODINm
OPOUTm
EGSTATEm

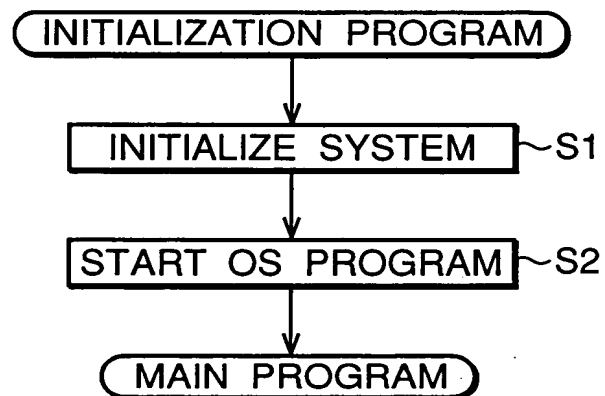
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG.8

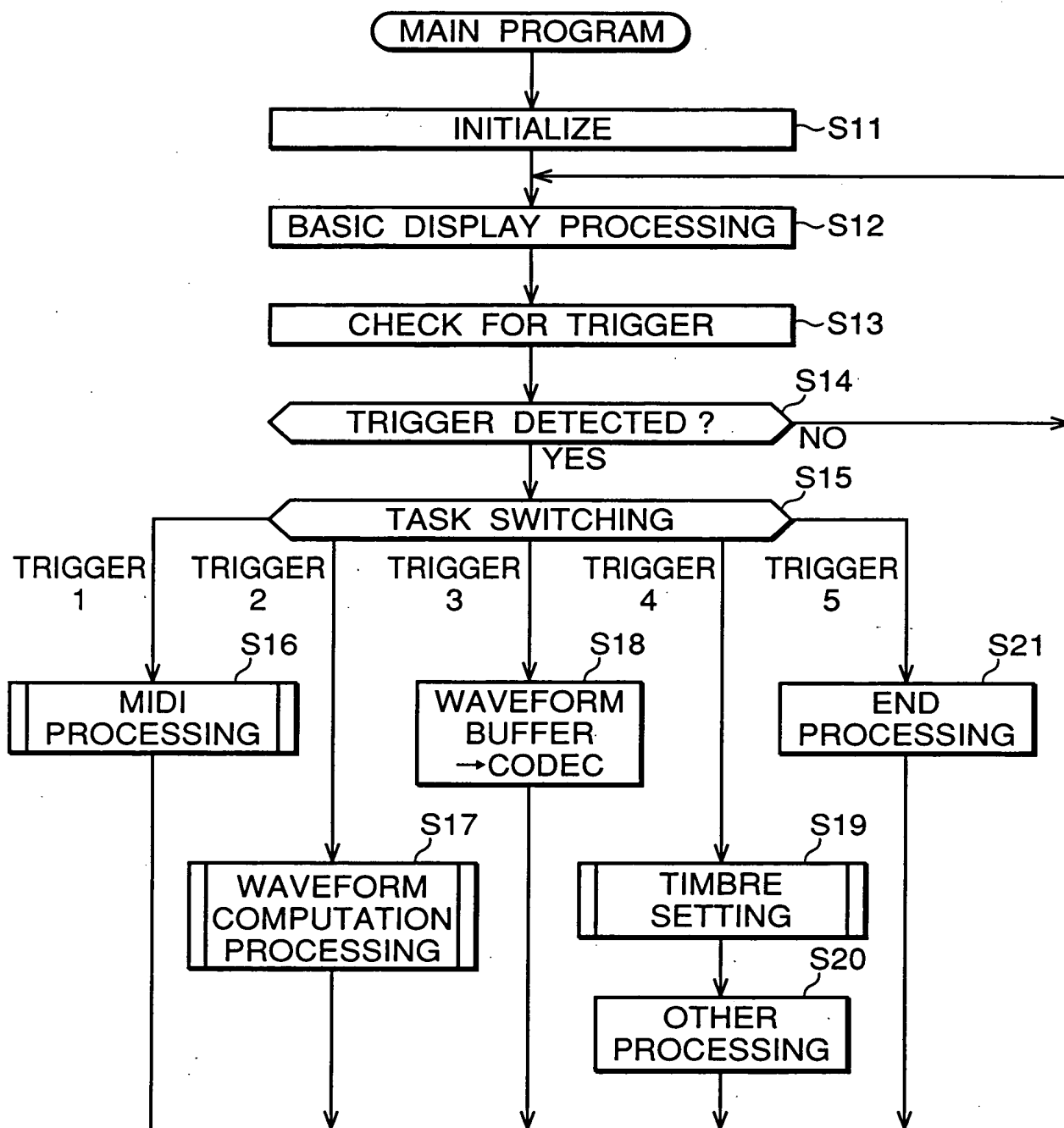
VOICENO1
VOICENO2
⋮
VOICENO16

FIG.9



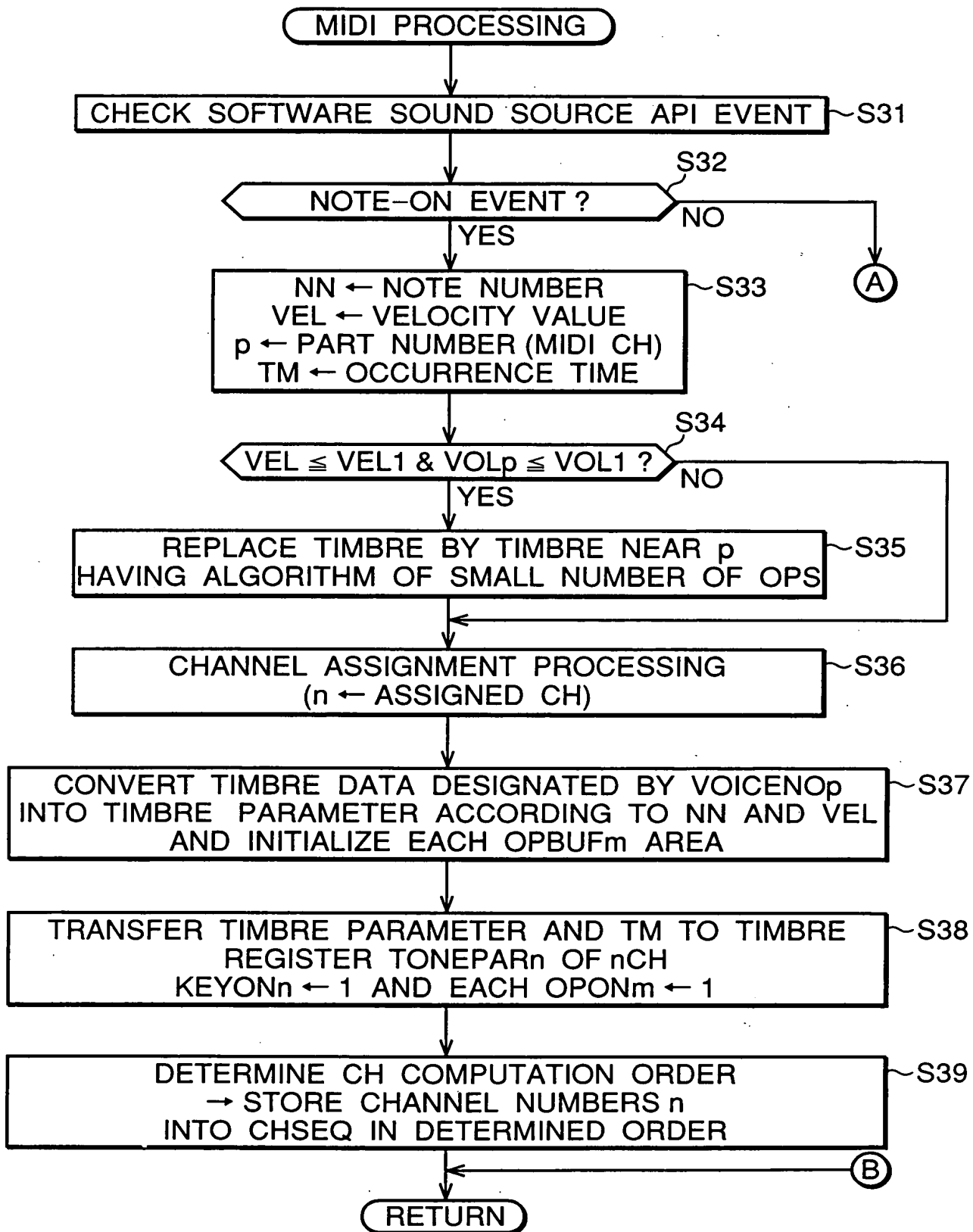
8 / 41

FIG.10



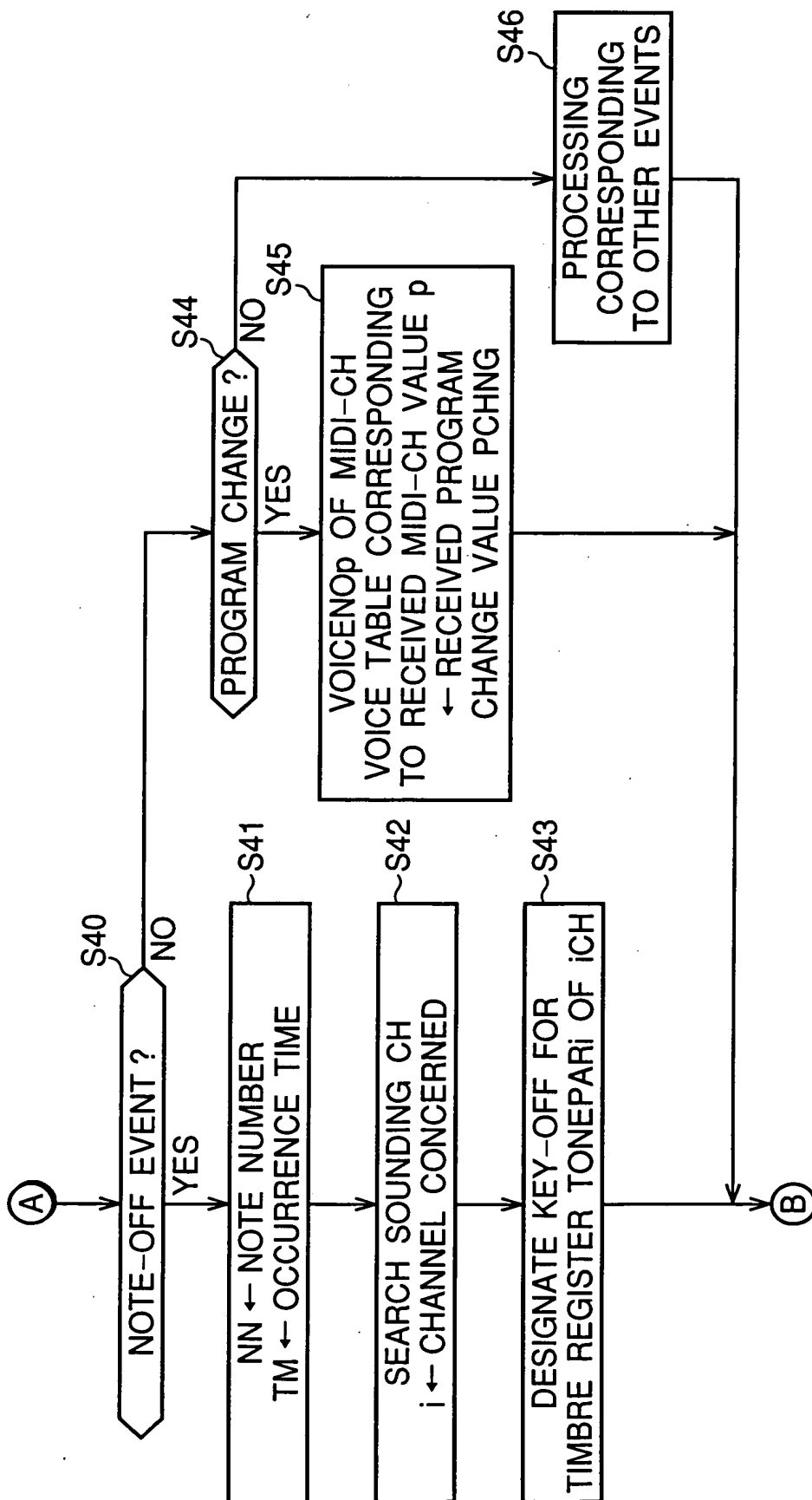
46220 4602680

FIG.11



462280 4602680

FIG.12



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG.13

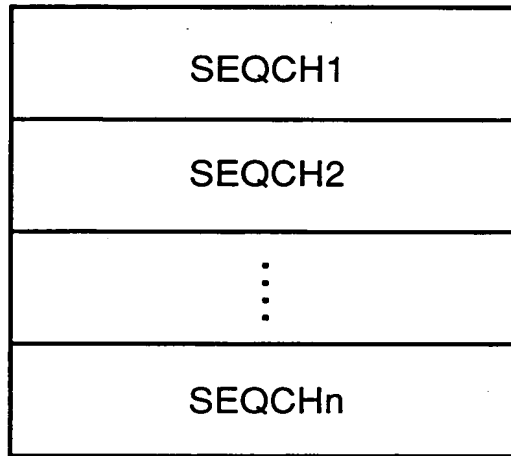
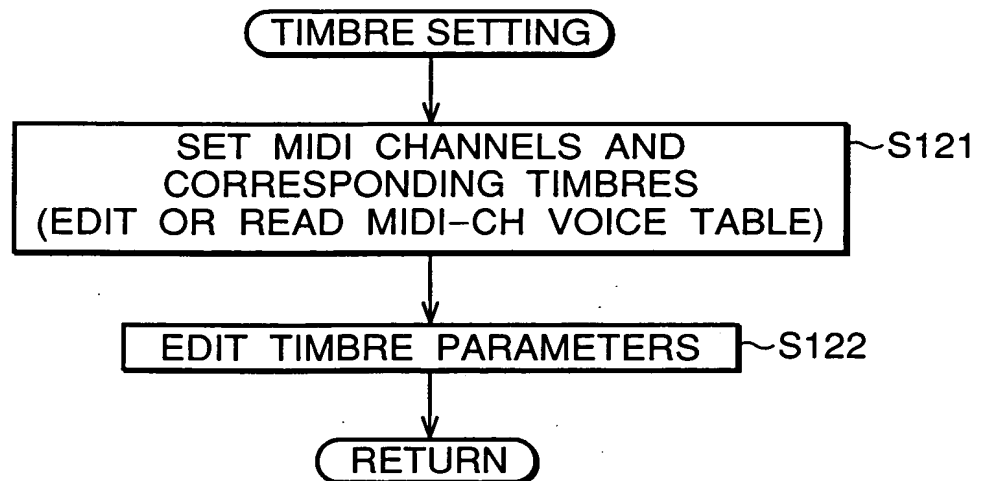


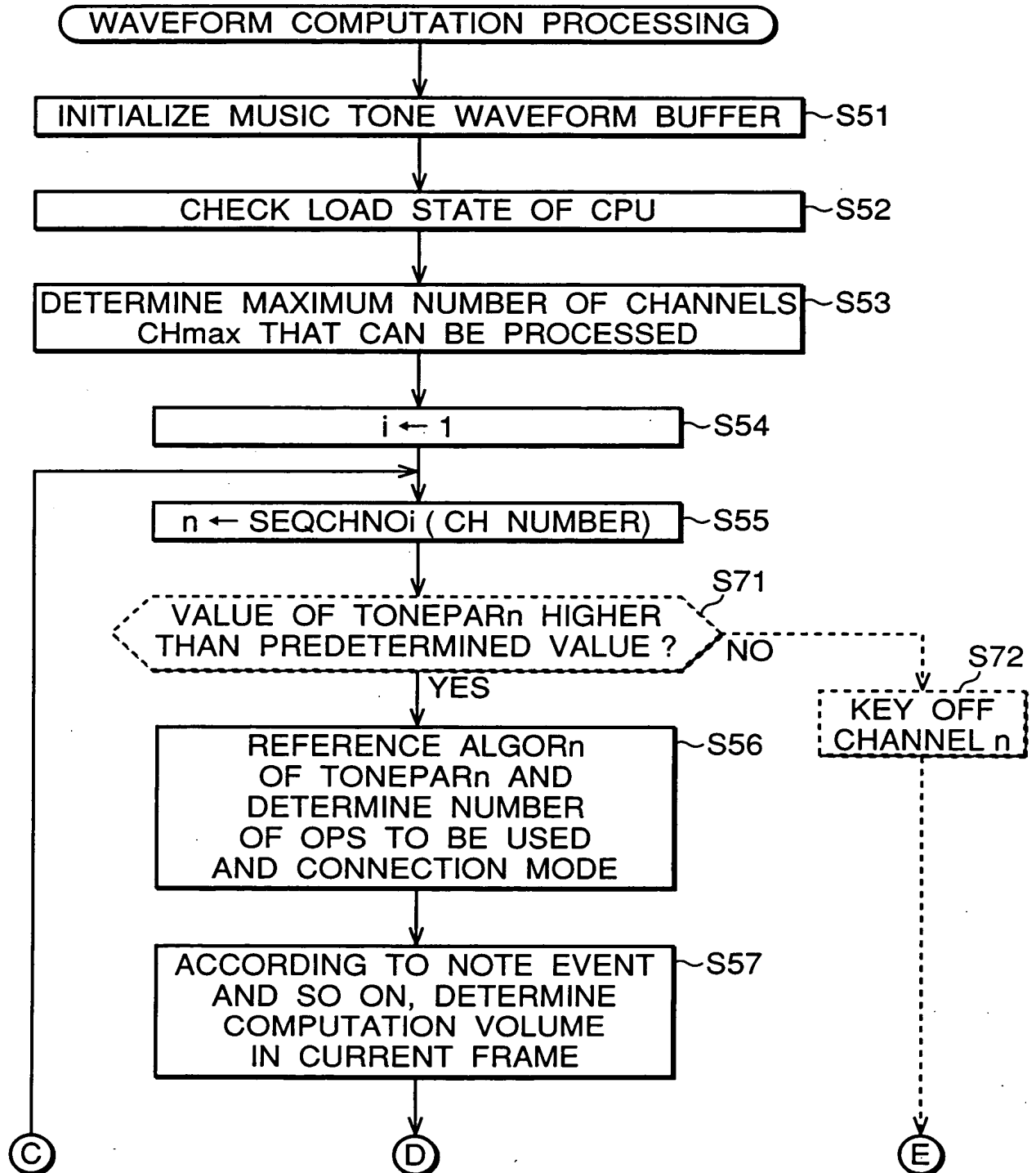
FIG.20



452201 44602680

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FIG.14

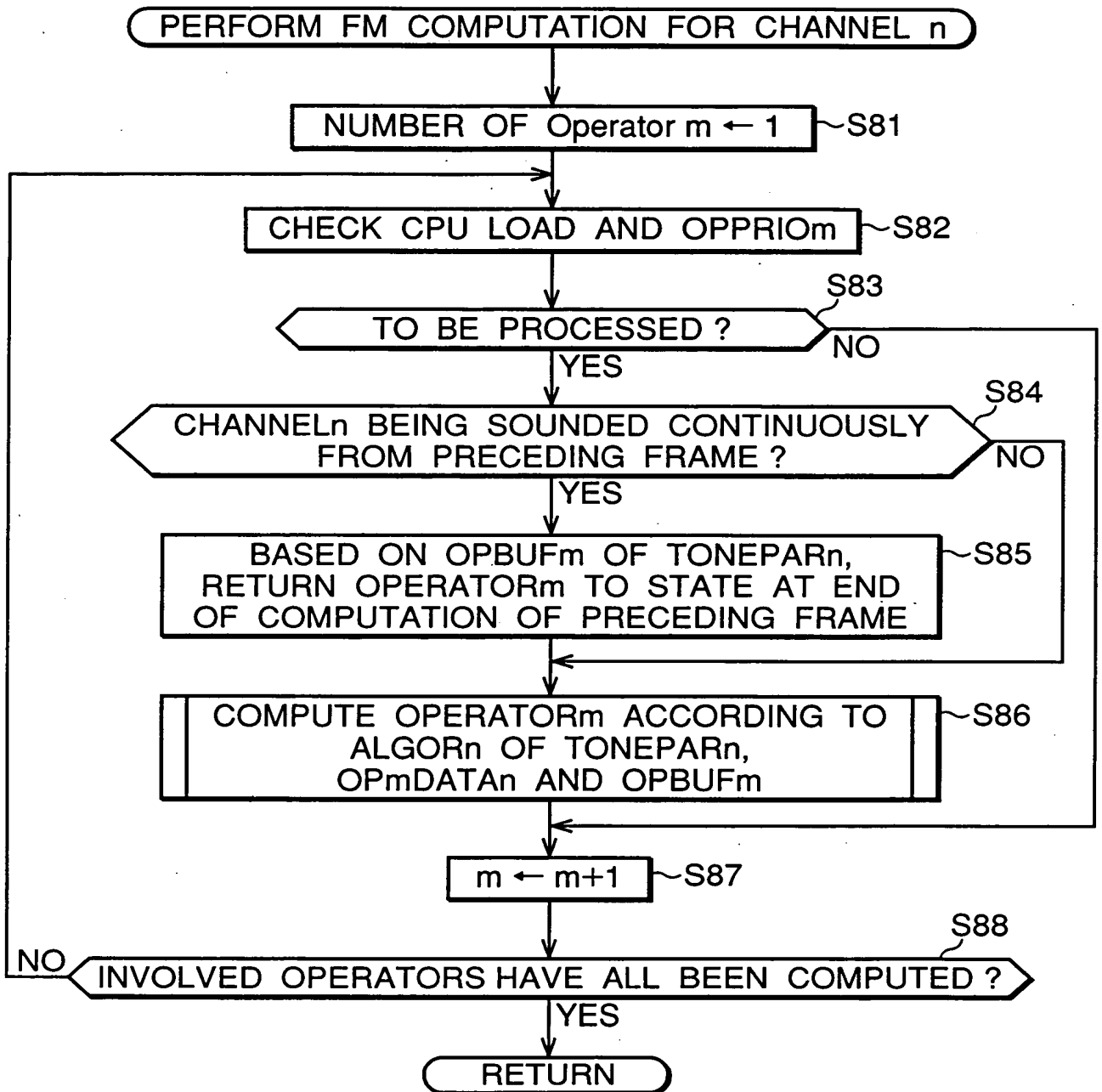


46230 46230

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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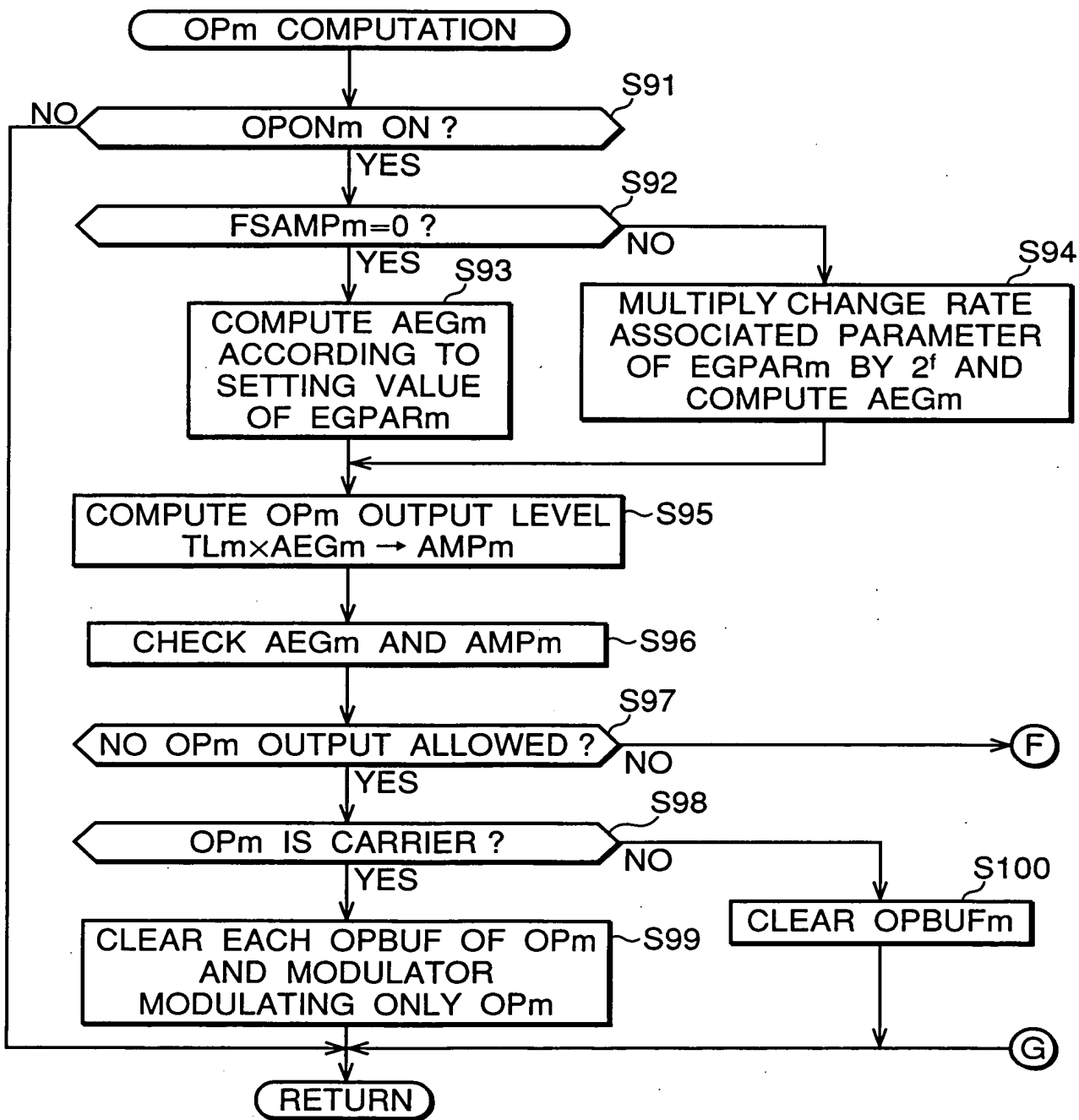
FIG.16



46280 460280

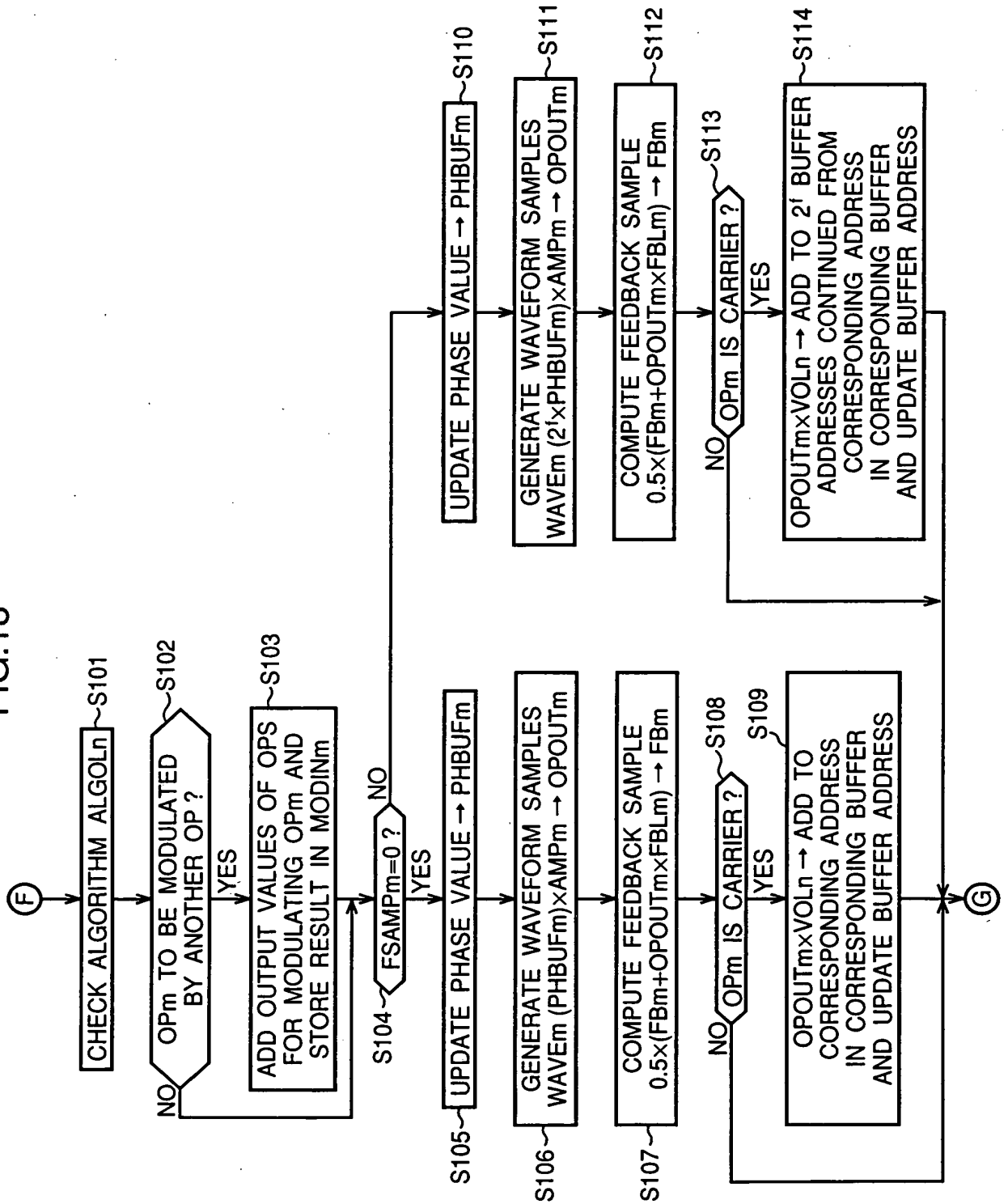
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FIG.17



000004 000000

FIG.18

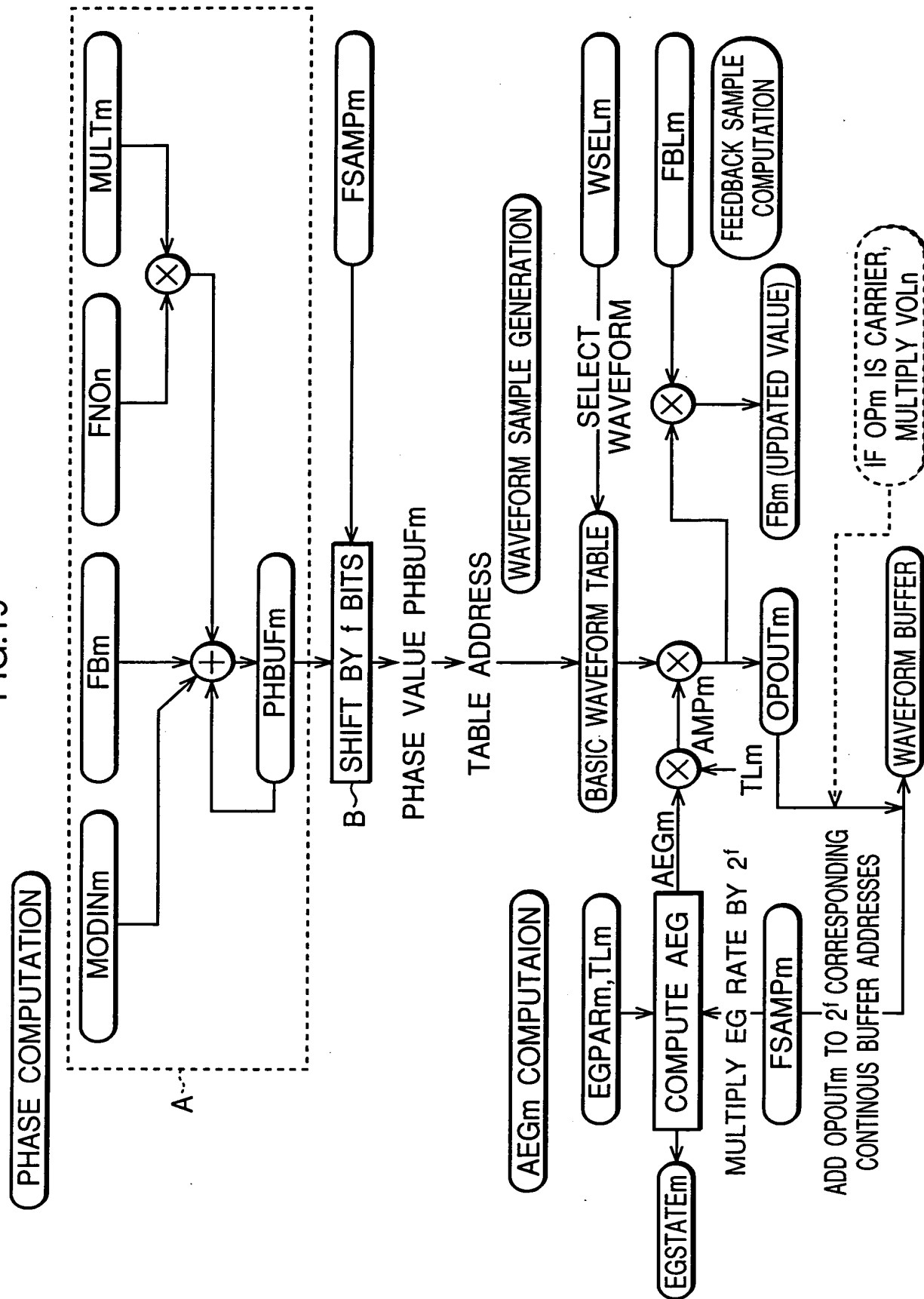


465280 47602680

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG.19

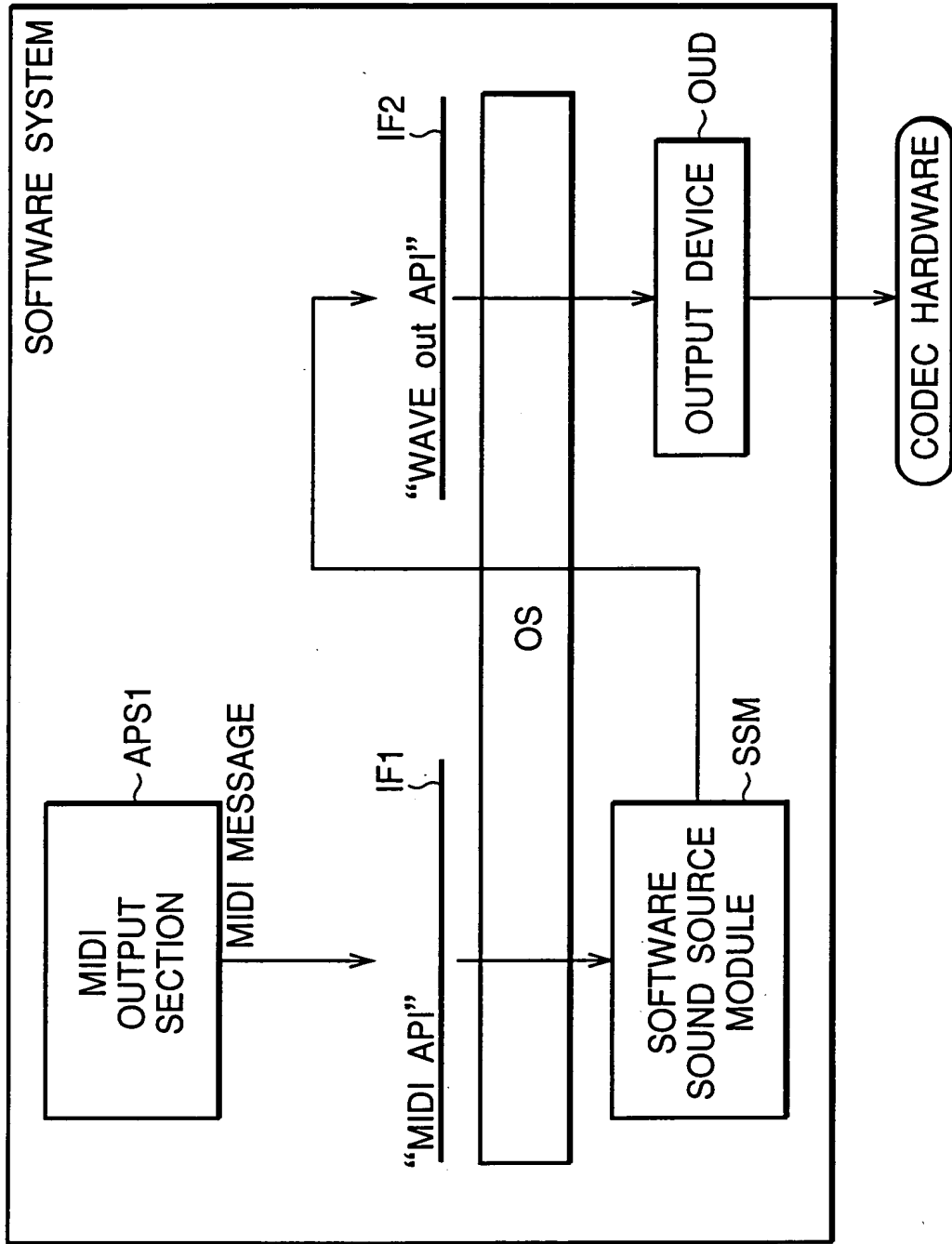


466230 44602650

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG.21



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG.22

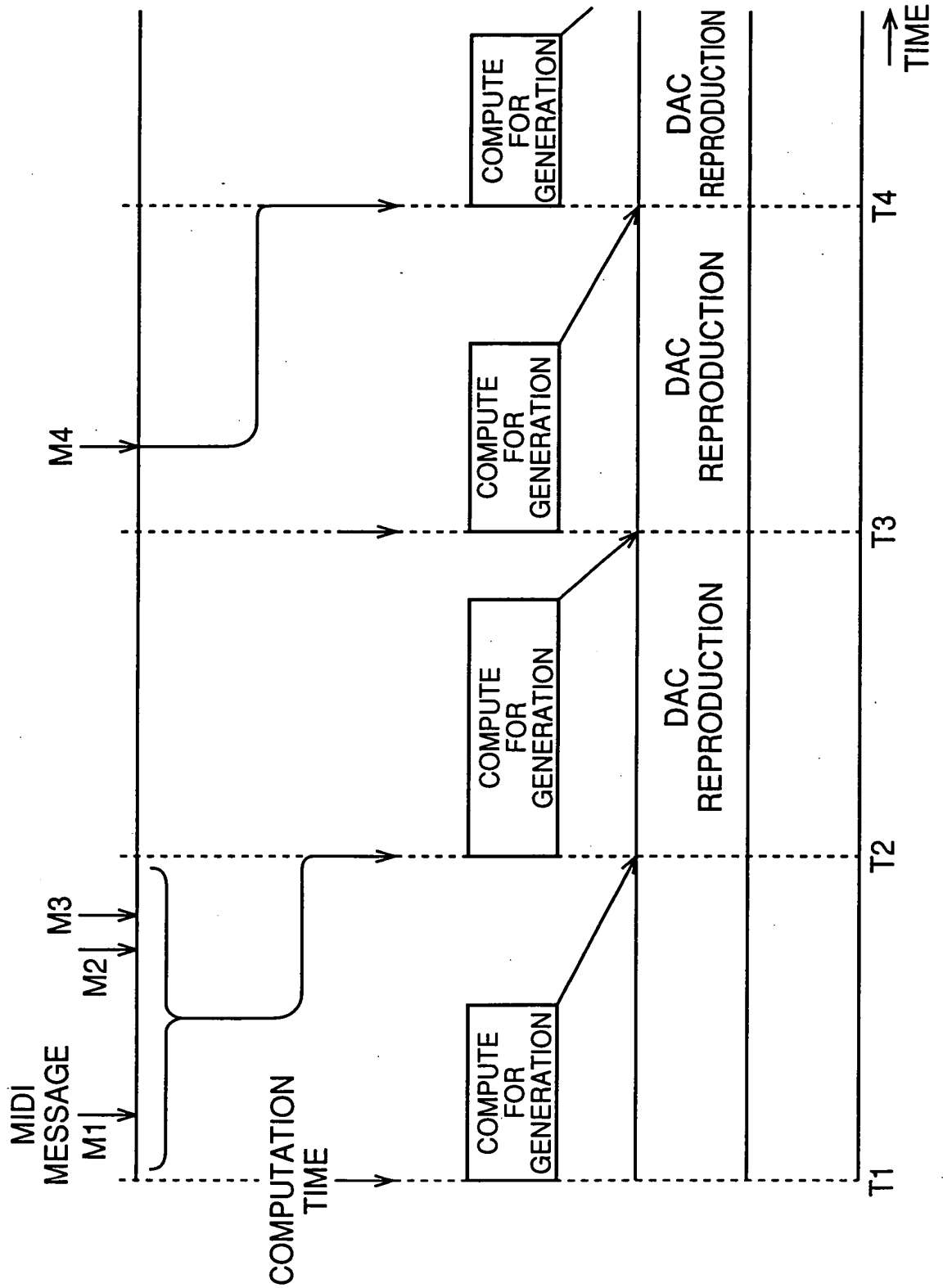
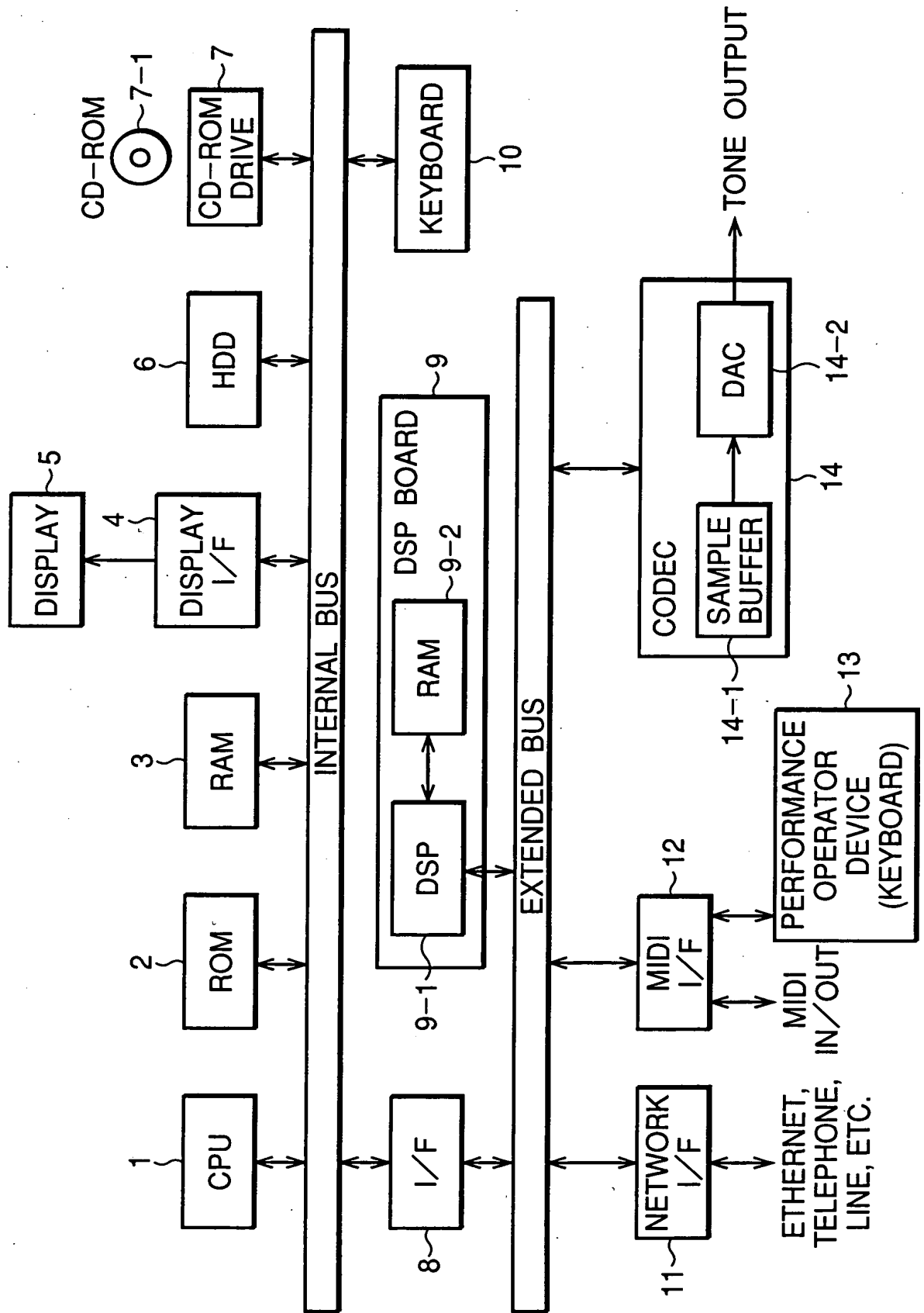


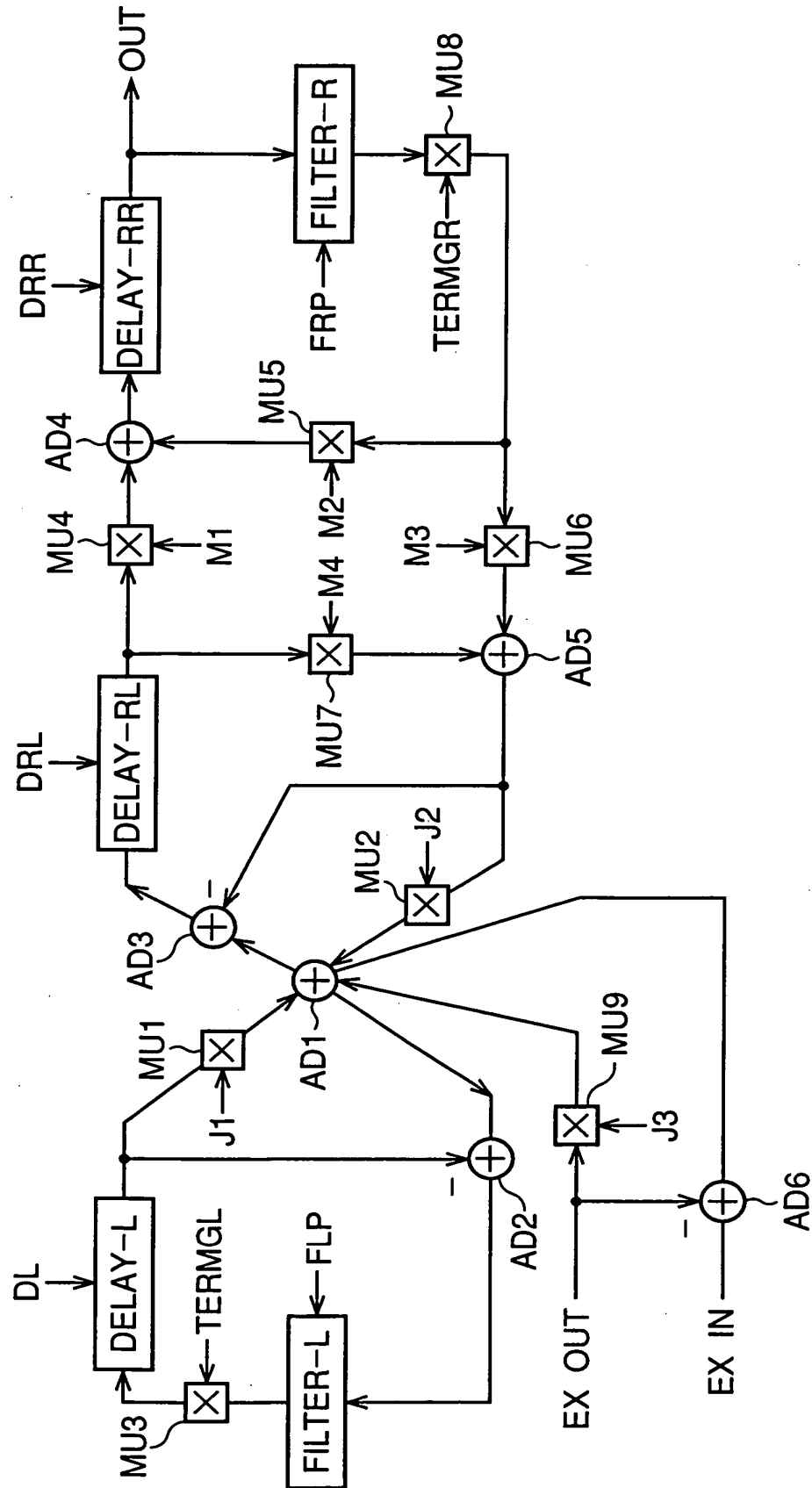
FIG.23



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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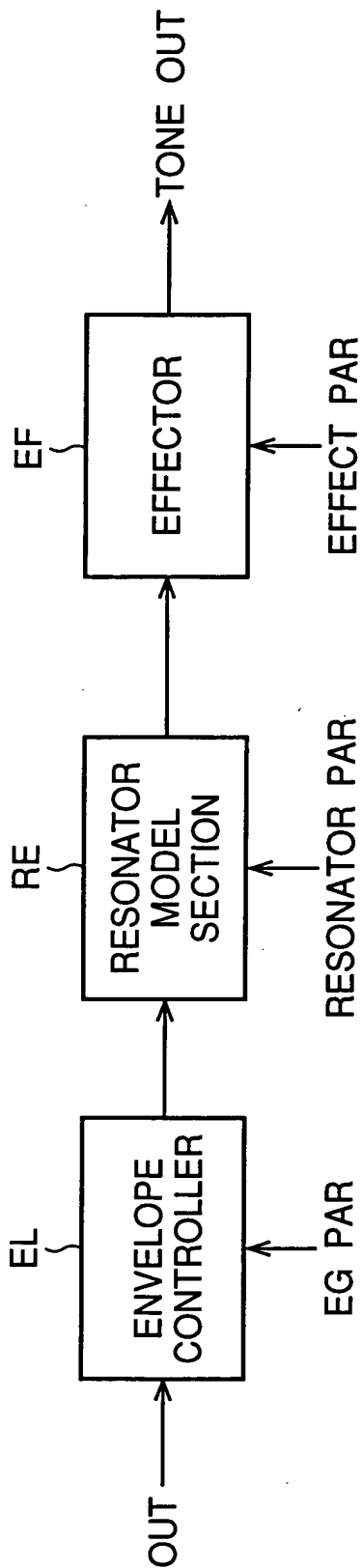
FIG.24



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

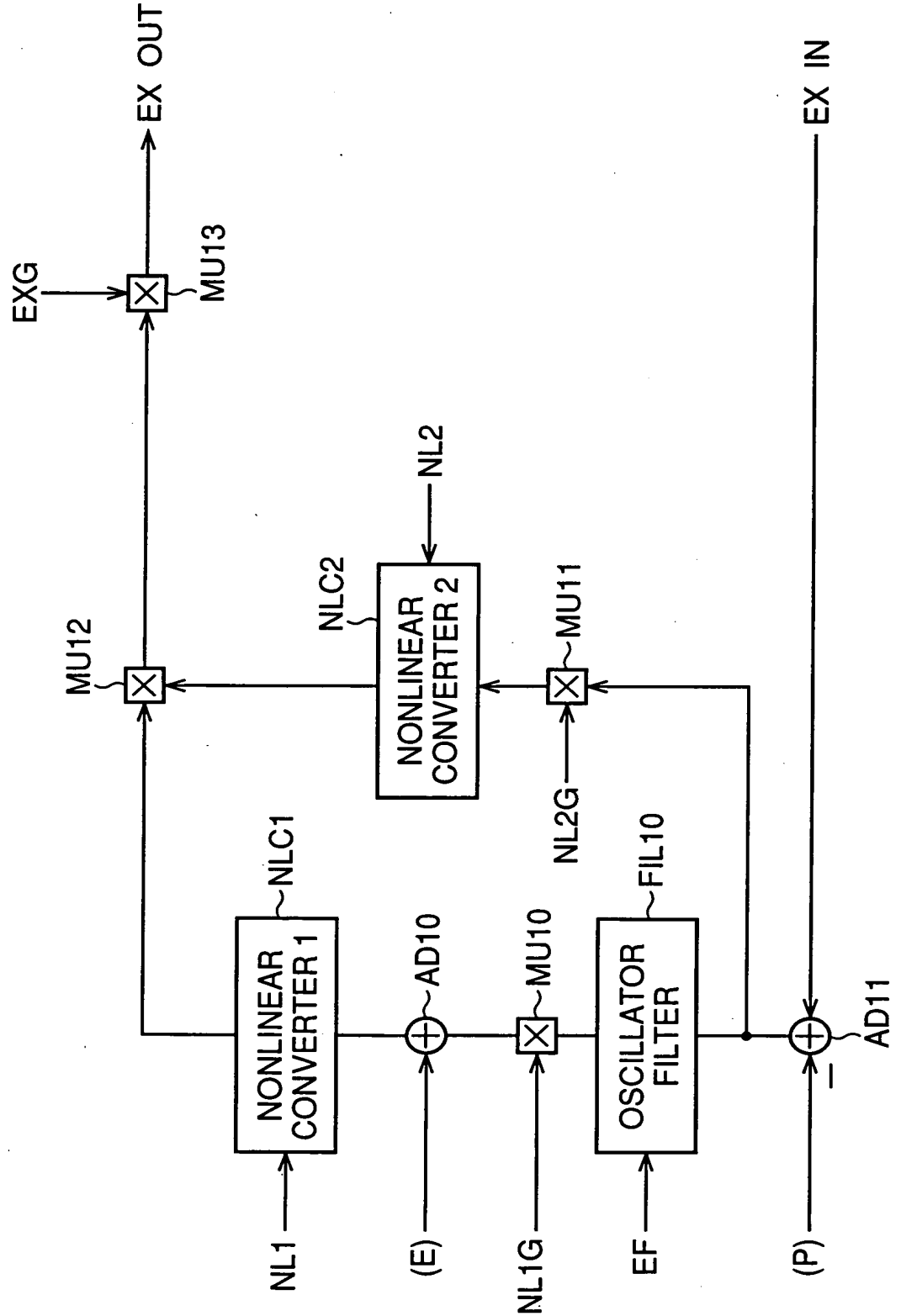
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FIG.25



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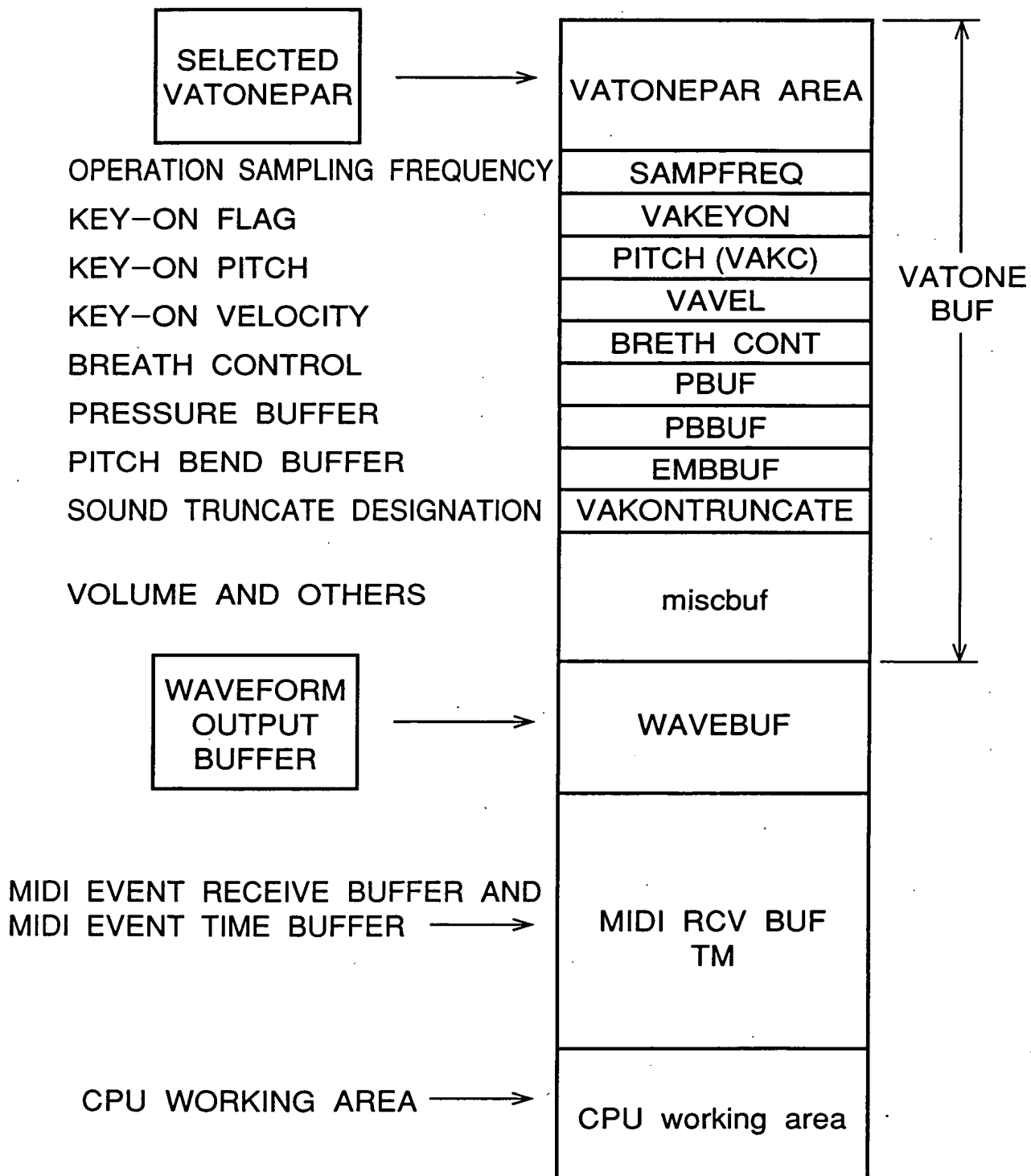
FIG.26



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG.27



46230 4602680

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

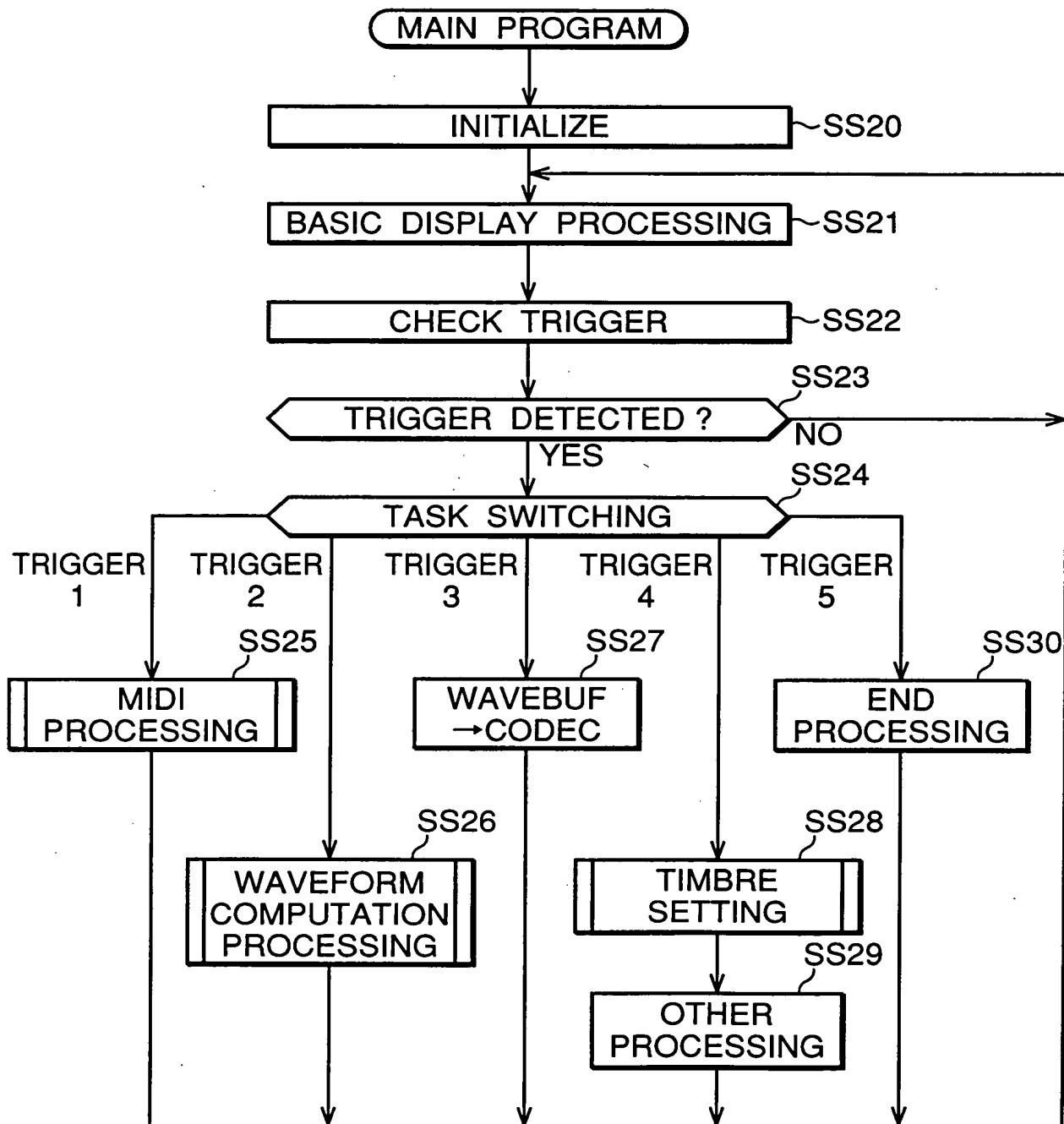
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FIG.28

EXCITER PARAMETERS	EF	EXCITER FILTER PARAMETER
	NLG1	NONLINEAR CONVERTER 1 INPUT GAIN
	NLG2	NONLINEAR CONVERTER 2 INPUT GAIN
	EXG	EXCITER OUTPUT GAIN
	NL1	NONLINEAR CONVERTER 1 CHARACTERISTIC PARAMETER (TABLE)
	NL2	NONLINEAR CONVERTER 2 CHARACTERISTIC PARAMETER (TABLE)
P/S PARAMETERS	DL	DELAY-L DELAY AMOUNT TABLE
	DRL	DELAY-RL DELAY AMOUNT TABLE
	DRR	DELAY-RR DELAY AMOUNT TABLE
	FLP	TERMINAL FILTER-L PARAMETER
	FRP	TERMINAL FILTER-R PARAMETER
	MULTI1(M1)	TONE HOLE JUNCTION MULTIPLICATION COEFFICIENT 1
	MULTI2(M2)	TONE HOLE JUNCTION MULTIPLICATION COEFFICIENT 2
	MULTI3(M3)	TONE HOLE JUNCTION MULTIPLICATION COEFFICIENT 3
	MULTI4(M4)	TONE HOLE JUNCTION MULTIPLICATION COEFFICIENT 4
	J1	TUBE JUNCTION MULTIPLICATION COEFFICIENT 1
	J2	TUBE JUNCTION MULTIPLICATION COEFFICIENT 2
	J3	TUBE JUNCTION MULTIPLICATION COEFFICIENT 3
EG PAR	ATTACK RATE	ATTACK RATE
	RELEASE RATE	RELEASE RATE
	↓	↓
RESONATOR PAR	TYPE	RESONATOR TYPE
	FREQ	RESONATOR FREQUENCY CHARACTERISTIC PARAMETER
	LEVEL	RESONATOR LEVEL PARAMETER
	↓	↓
EFFECT PAR	EFFECT TYPE	EFFECT TYPE DESIGNATION
	FREQ	EFFECT DEPTH
	LEVEL	MODULATION SPEED
	↓	↓
SAMPLING FREQ	FS	SAMPLING FREQUENCY DATA (FS1>FS2)

46230-46230

FIG.30



45280-41502580

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG.32A

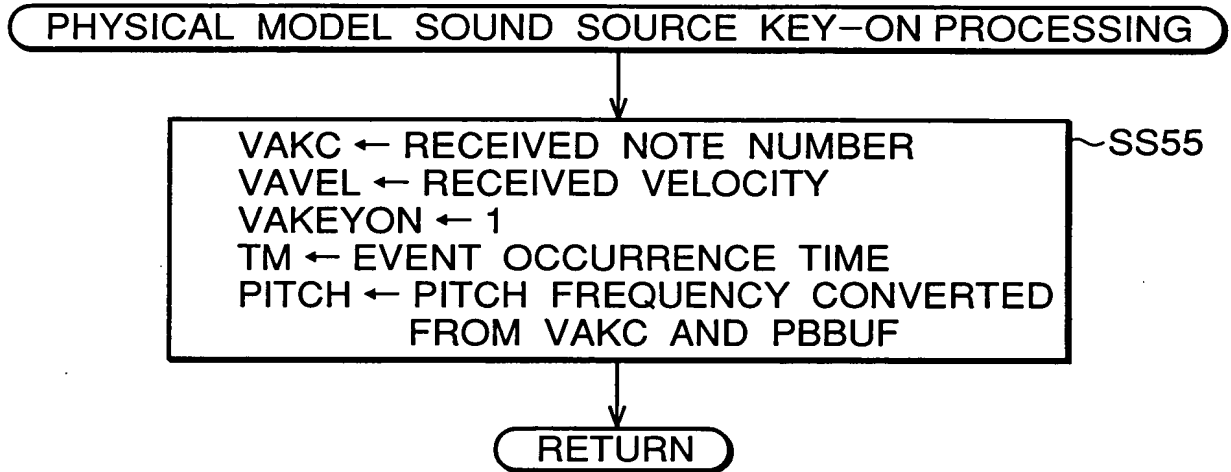
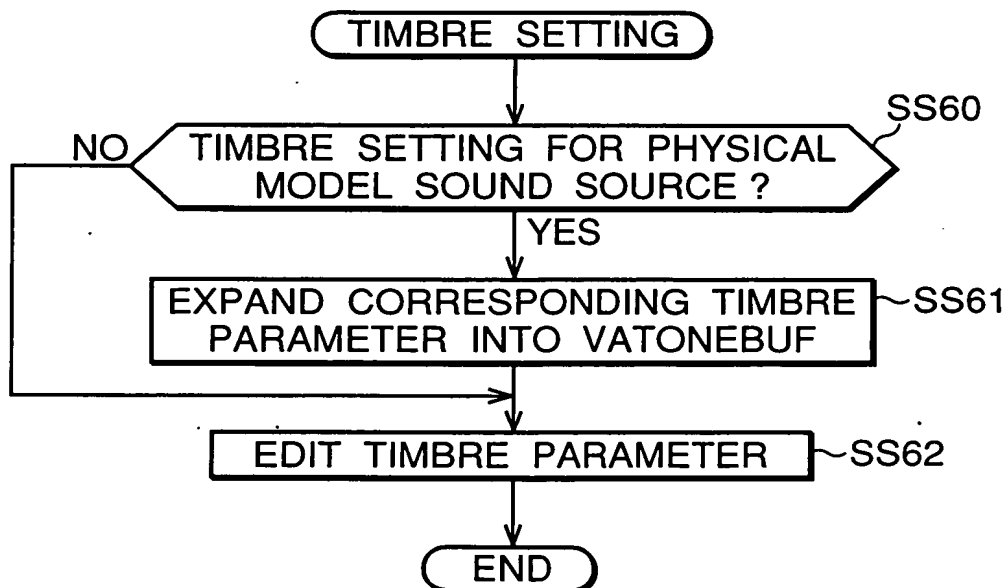


FIG.32B



466280-41602680

FIG.32C

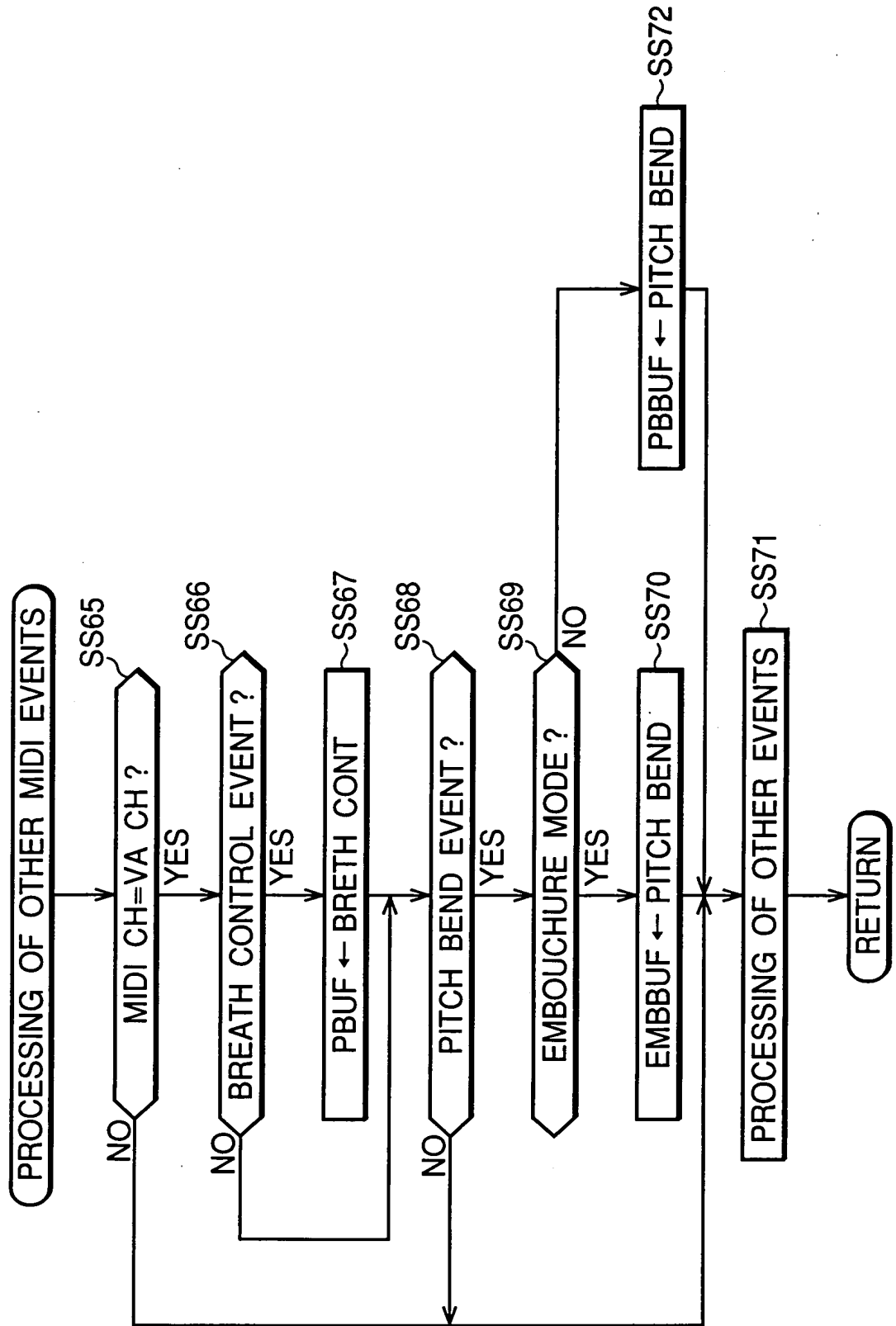


FIG.33

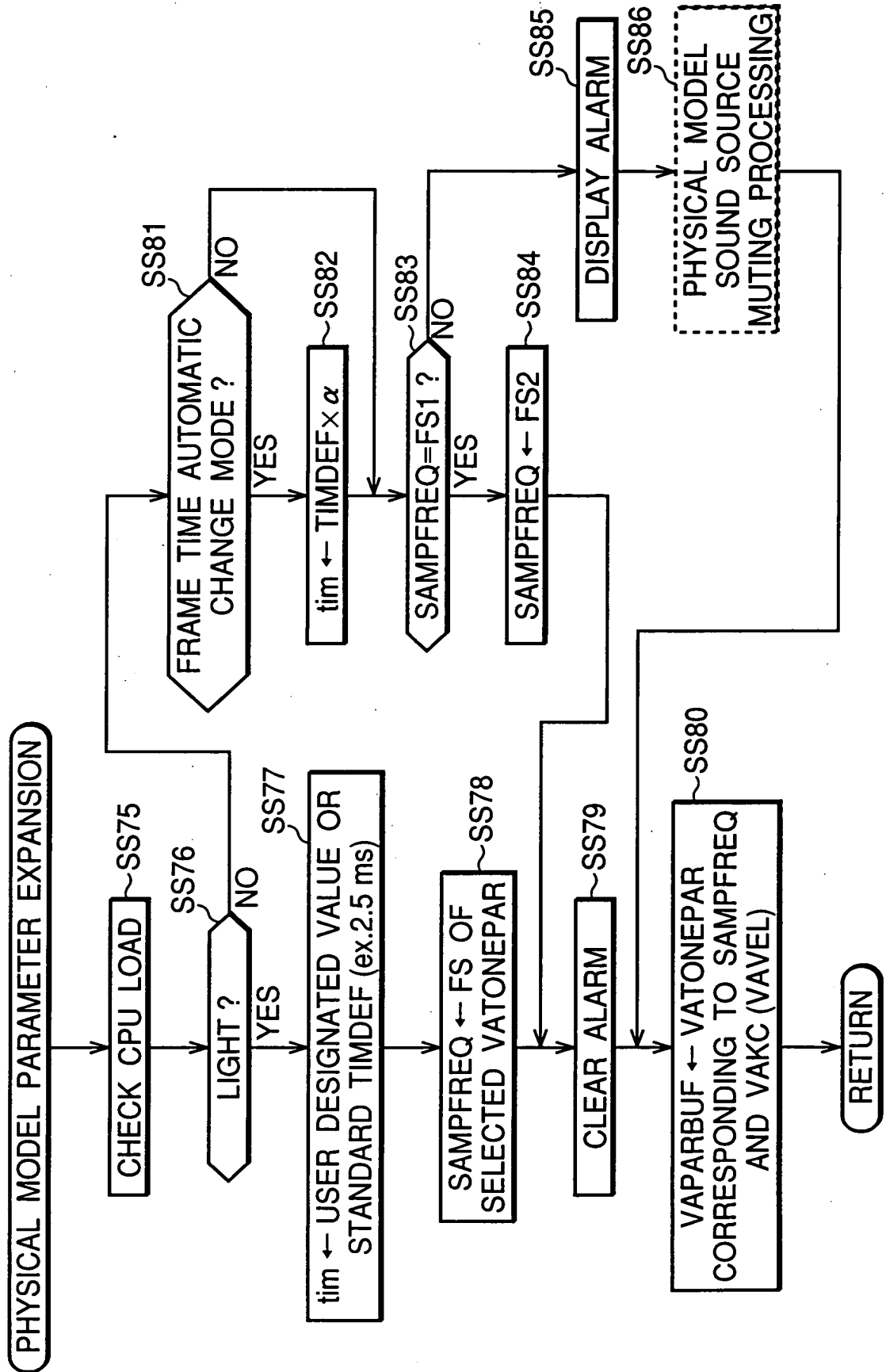
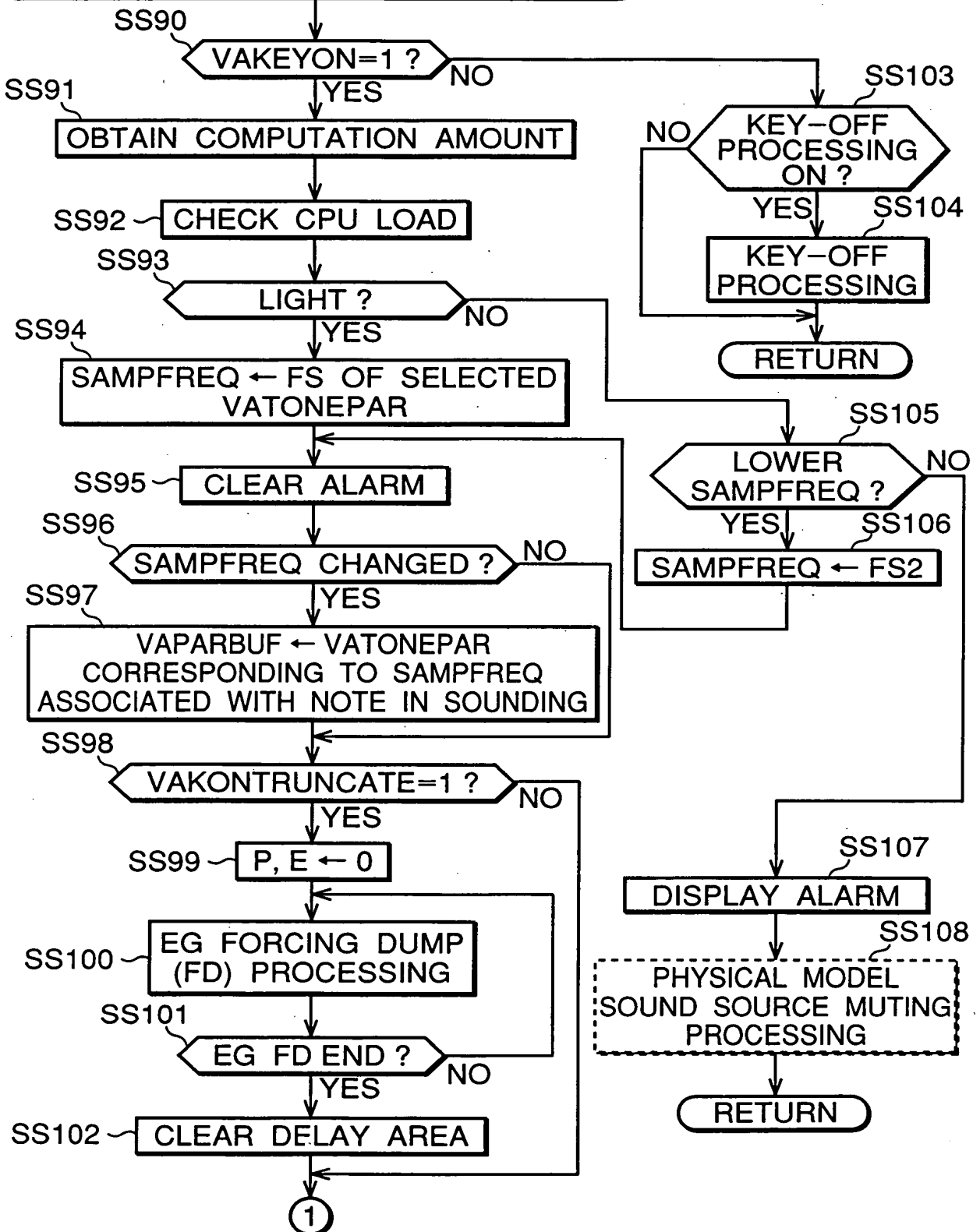


FIG.34

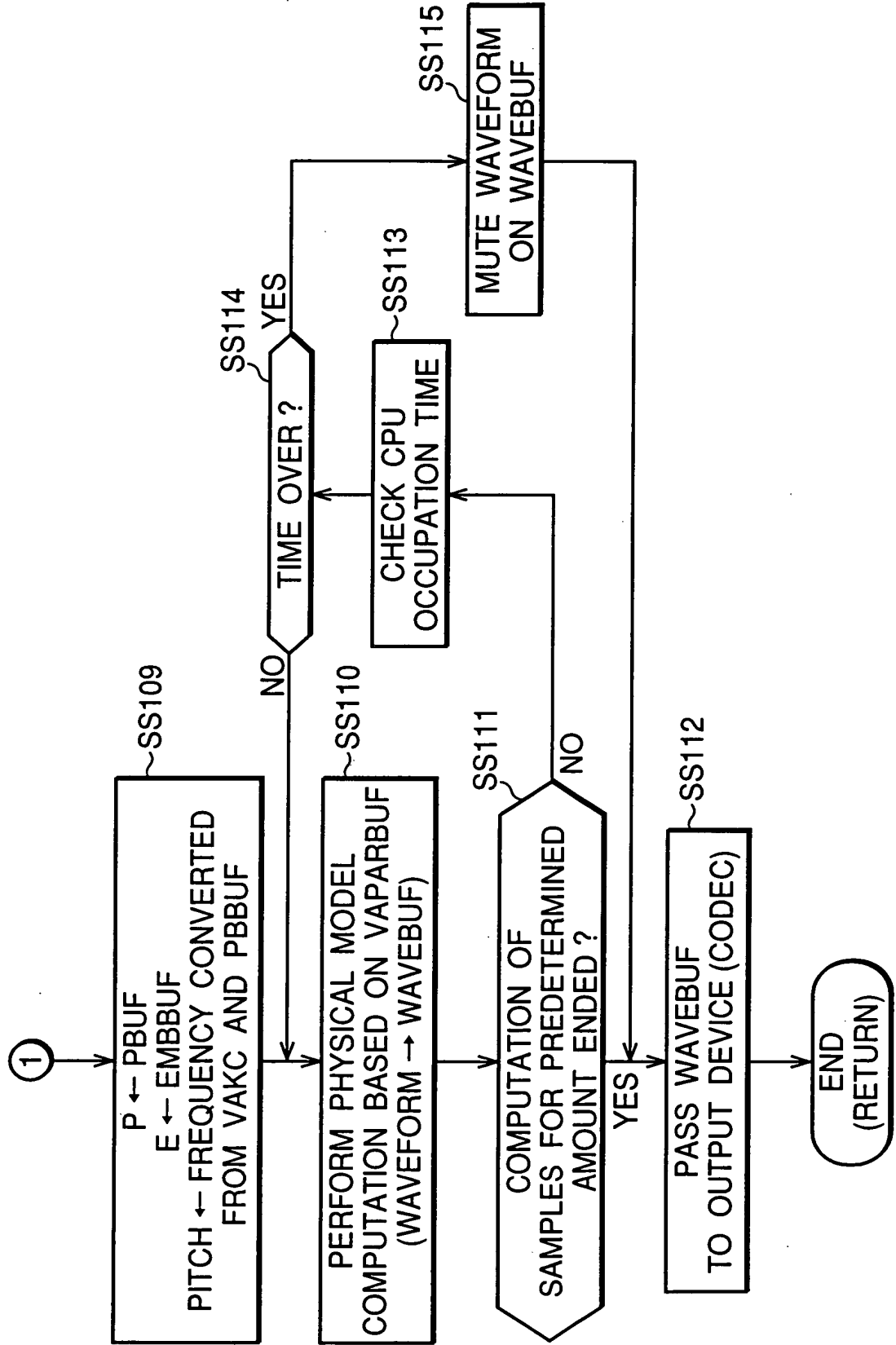
WAVEFORM GENERATION PROCESSING
(PHYSICAL MODEL SOUND SOURCE)



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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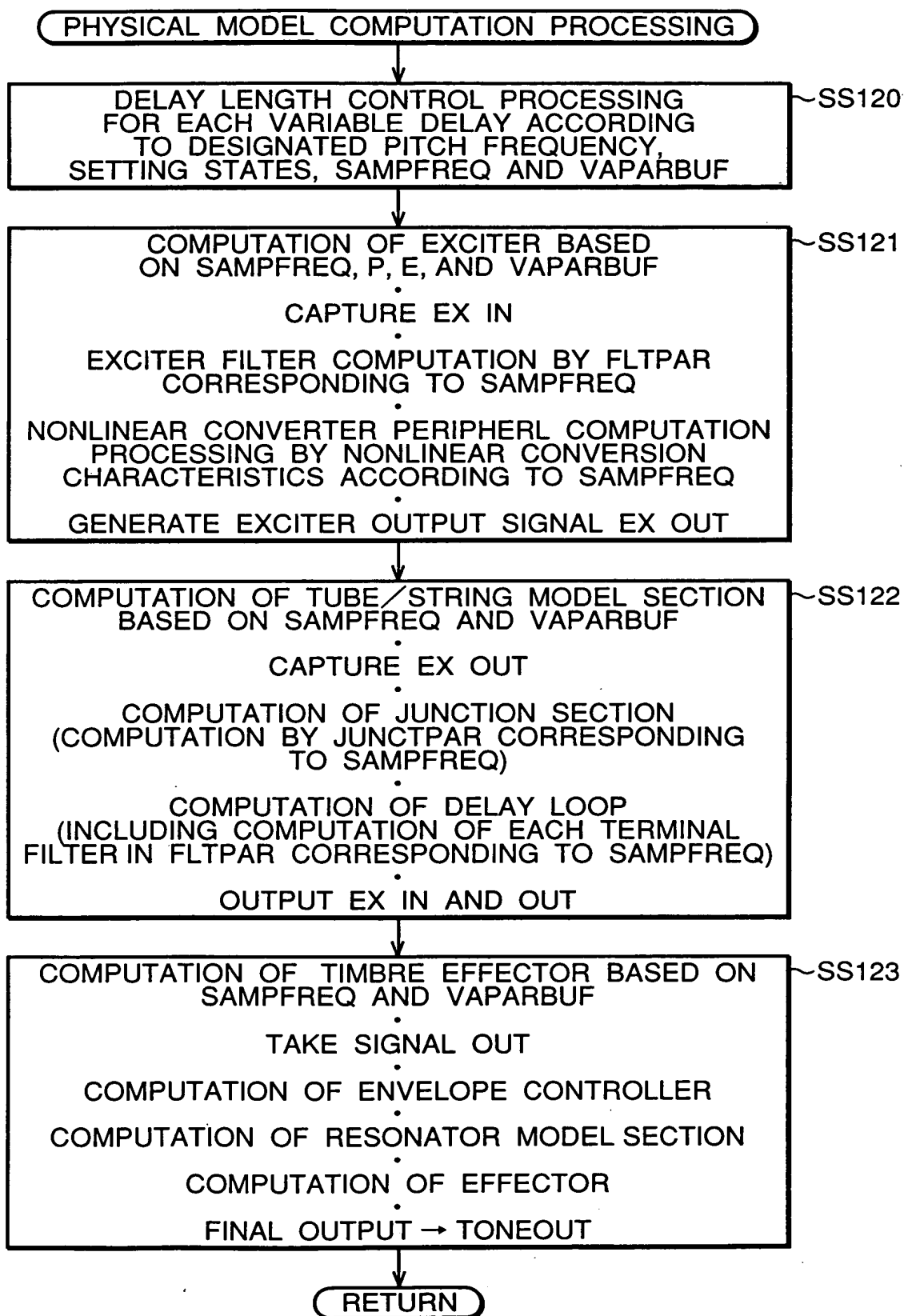
FIG.35



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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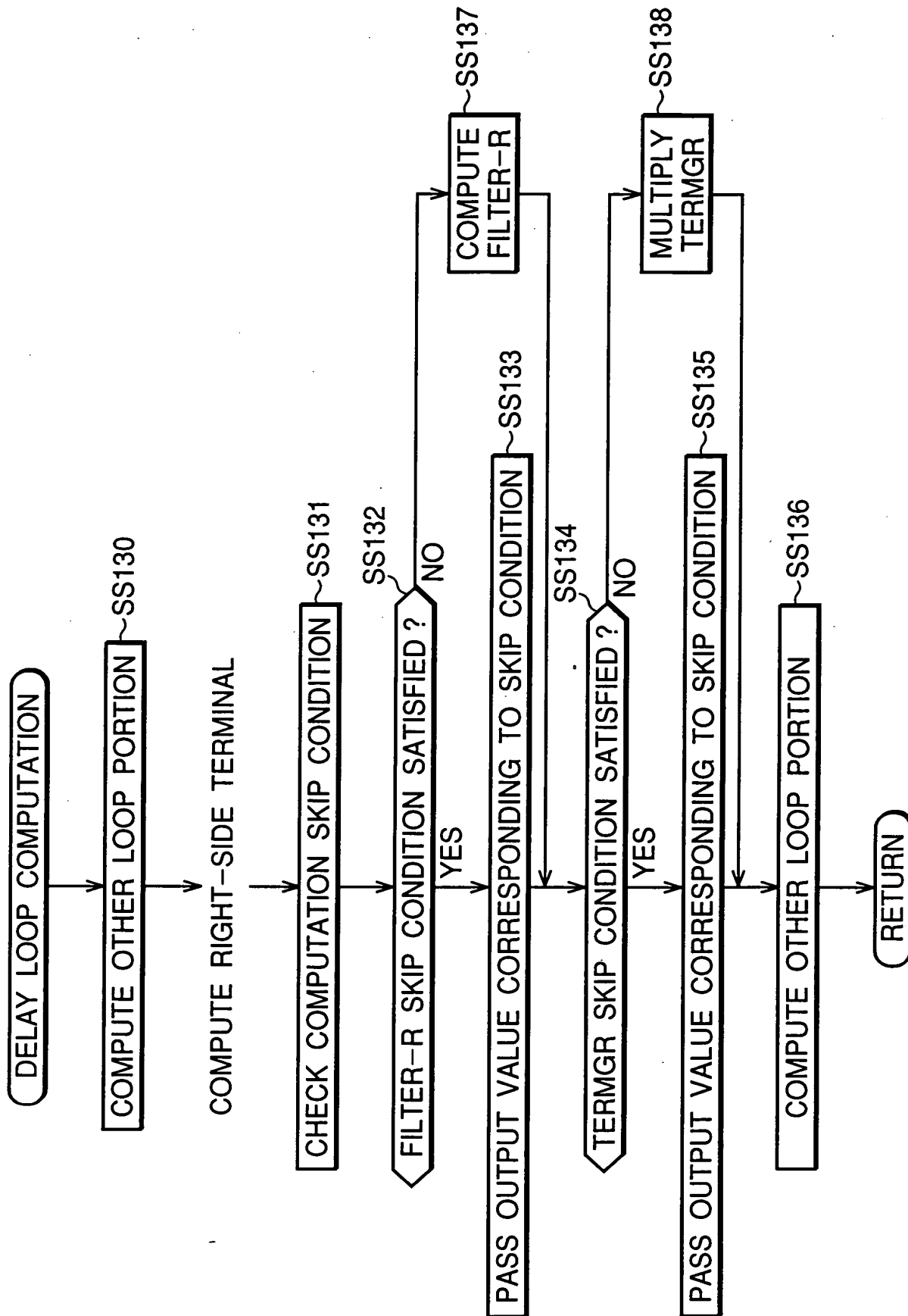
FIG.36



46230 24602630

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG.37



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG.38

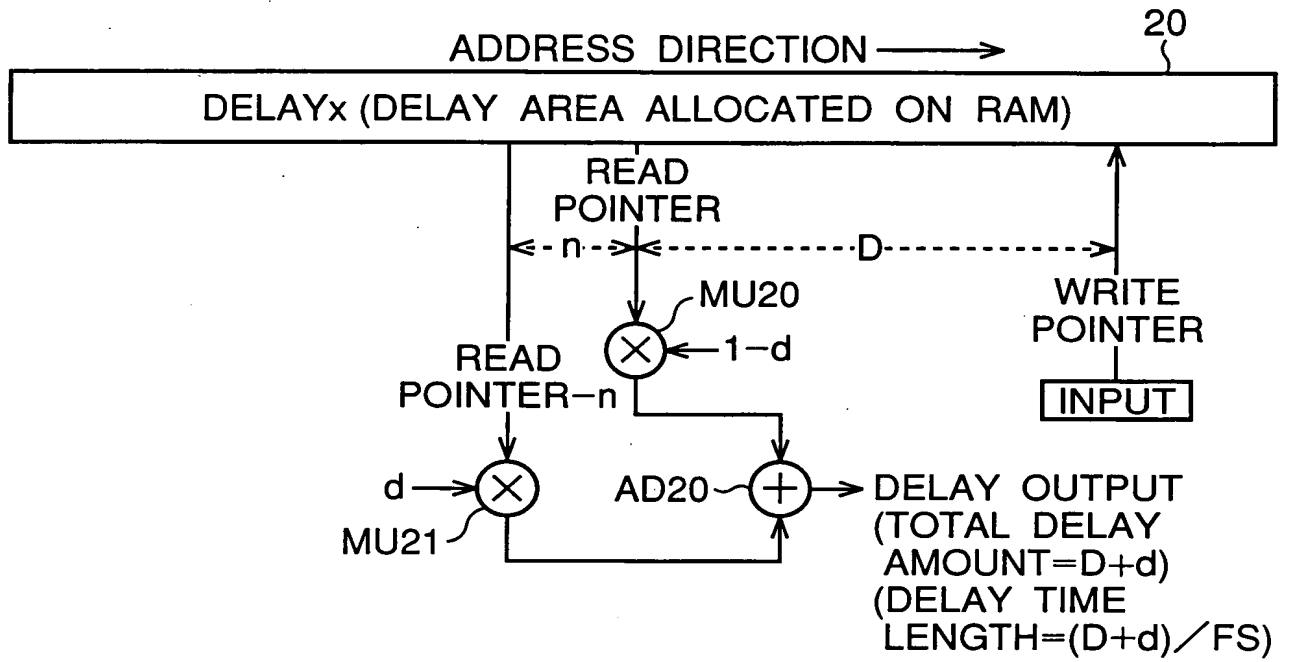
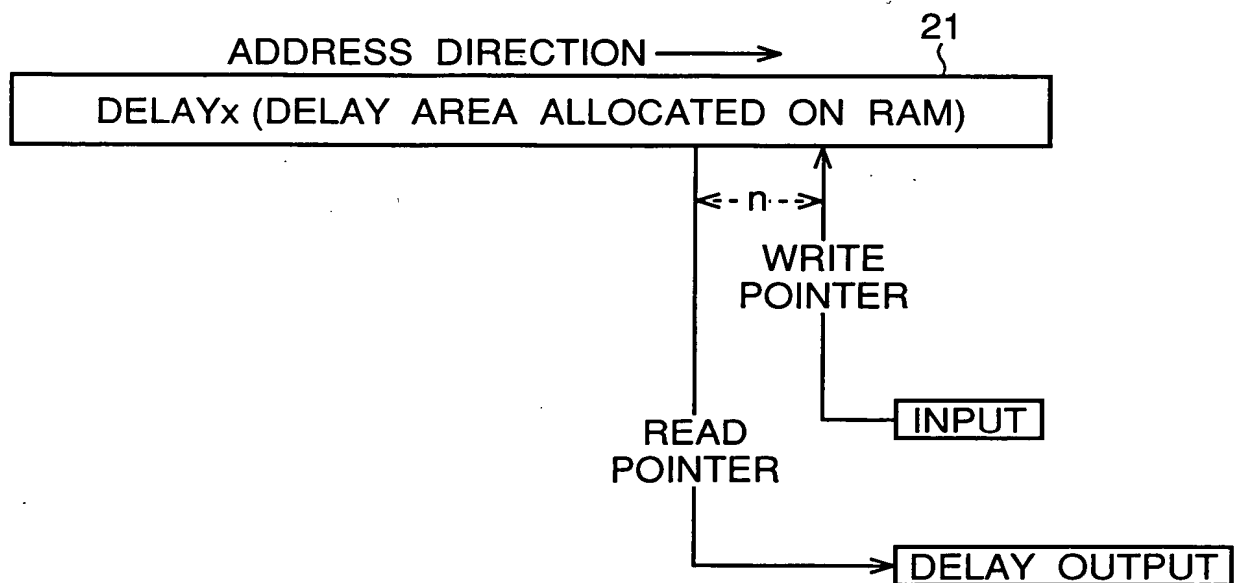


FIG.39



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20250228 14:46:26

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG.40A

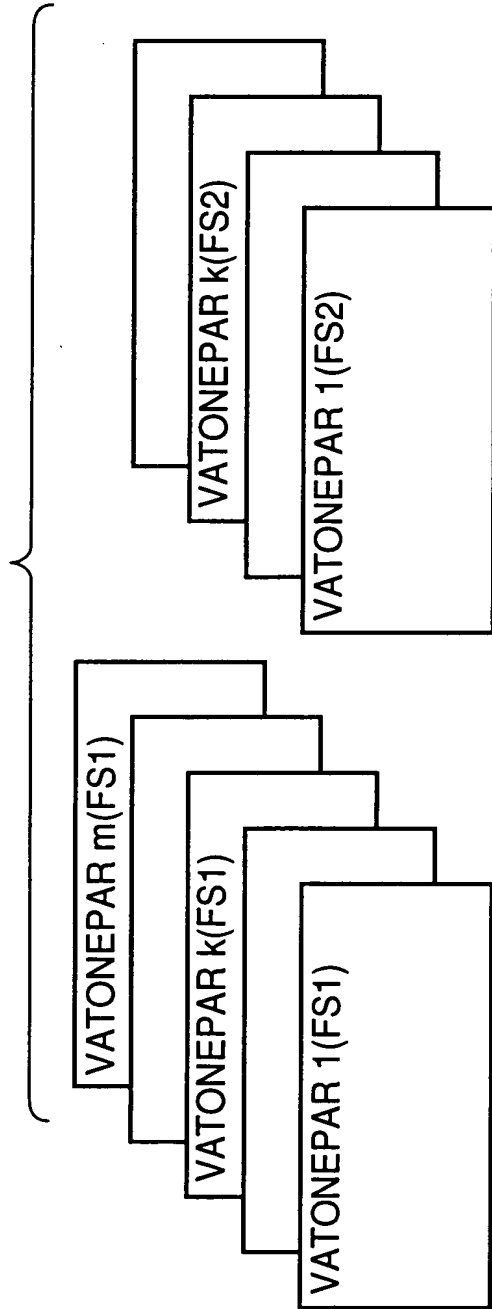


FIG.40B

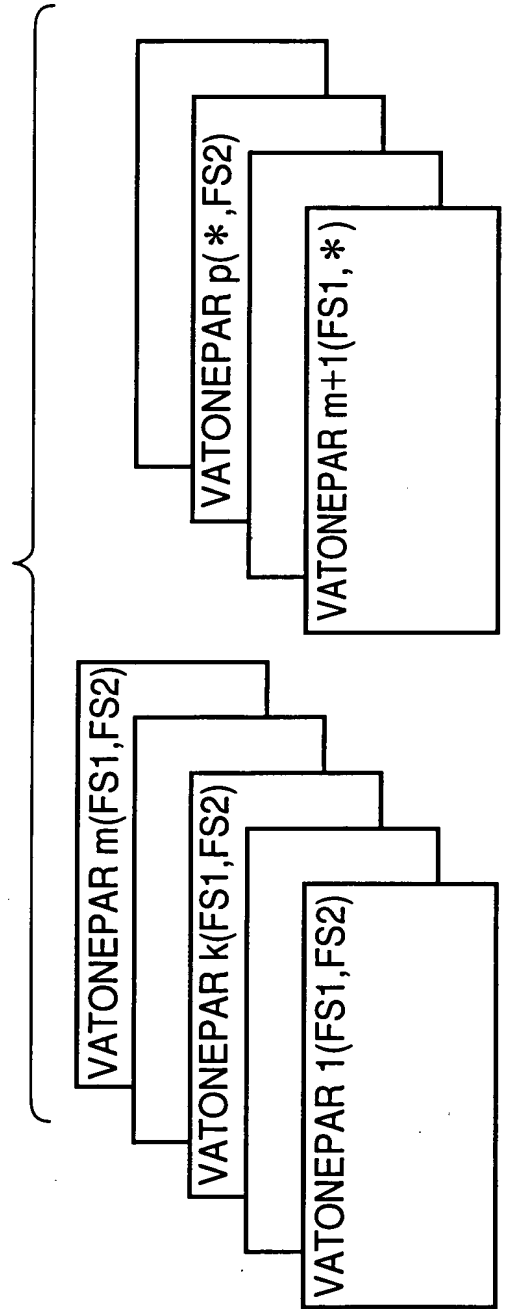
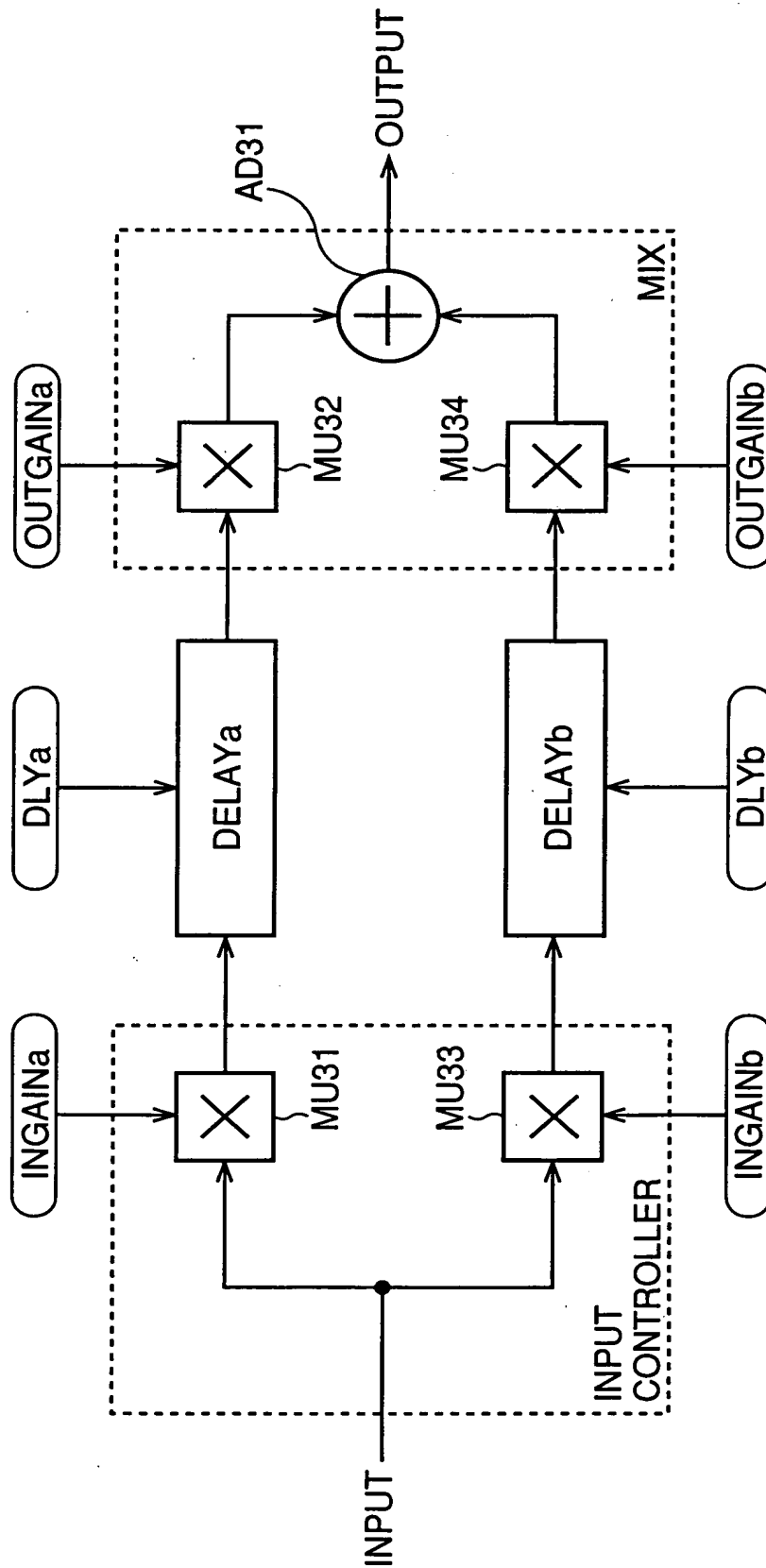


FIG.41



46280" 41602680

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG.42A

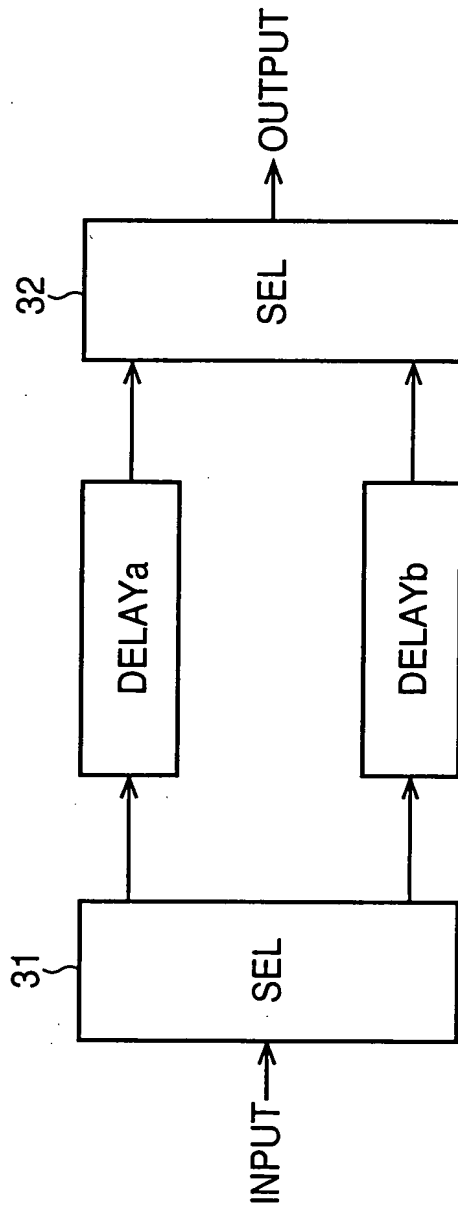
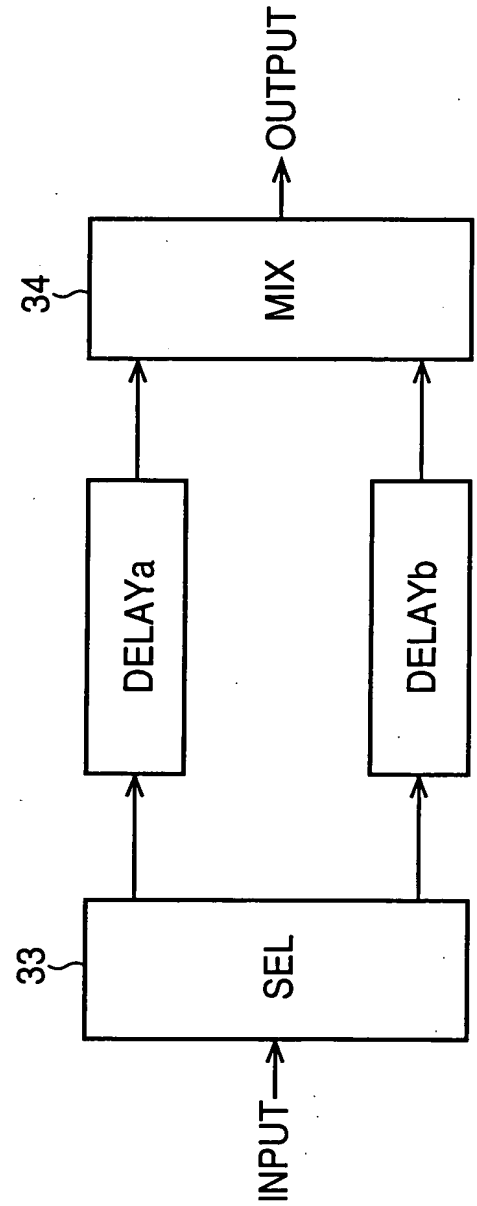


FIG.42B



266280" 41602680

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG.43

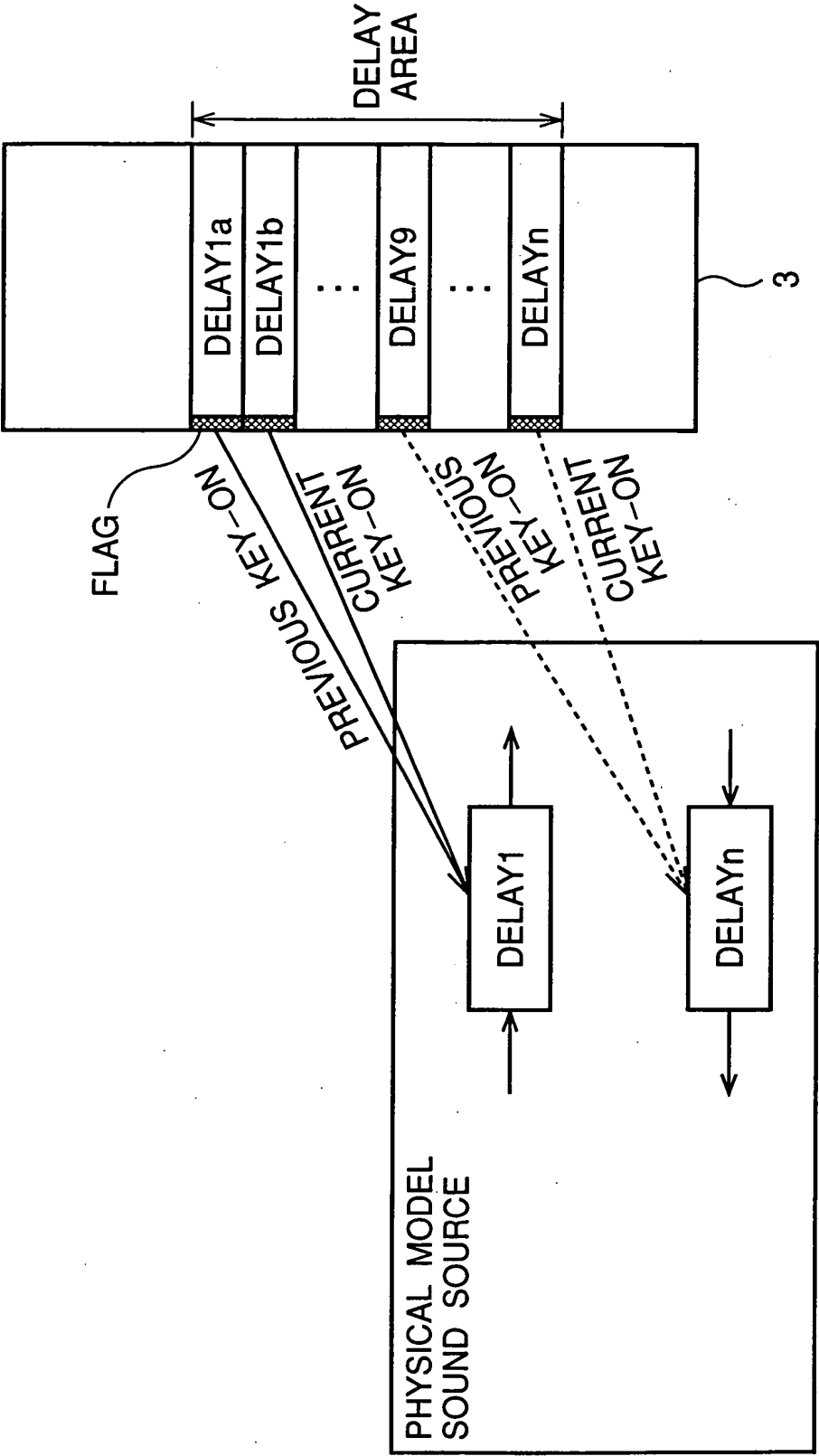
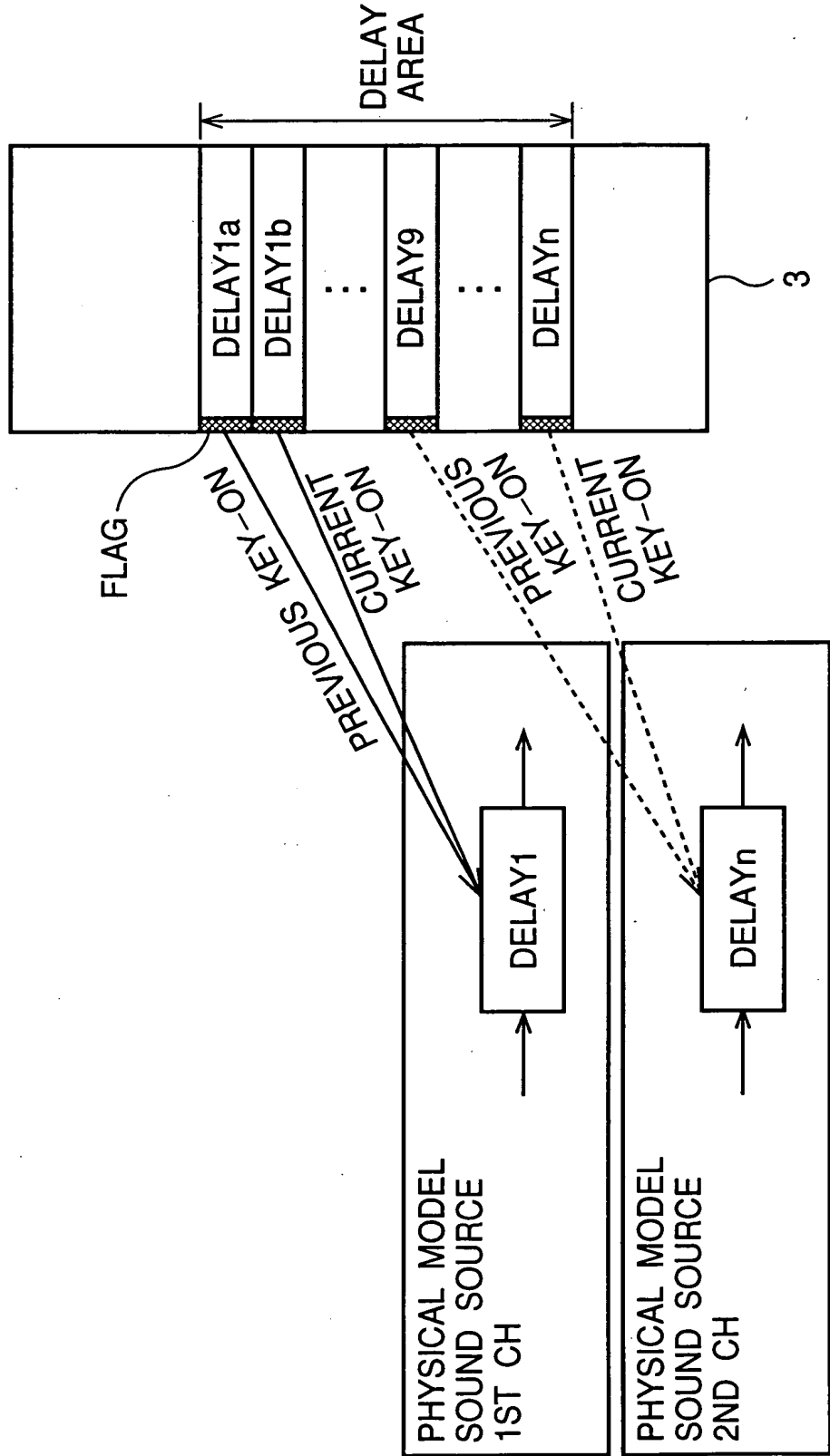


FIG.44



466280 21602680